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An act making appropriations for the  
Department of Agriculture for the fiscal  
year ending June 30, 1921.

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OF THE

UNITED STATES  
DEPARTMENT OF AGRICULTURE

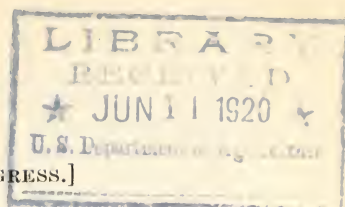
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[PUBLIC—No. 234—66TH CONGRESS.]

[H. R. 12272.]



An Act Making appropriations for the Department of Agriculture for the fiscal year ending June 30, 1921.

*Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled,* That the following sums be, and they are hereby, appropriated, out of any money in the Treasury of the United States not otherwise appropriated, in full compensation for the fiscal year ending June 30, 1921, for the purposes and objects hereinafter expressed, namely:

## DEPARTMENT OF AGRICULTURE.

### OFFICE OF THE SECRETARY.

**SALARIES, OFFICE OF THE SECRETARY OF AGRICULTURE:** Secretary of Agriculture, \$12,000; Assistant Secretary of Agriculture, \$5,000; solicitor, \$5,000; chief clerk, \$3,000, and \$500 additional as custodian of buildings; private secretary to the Secretary of Agriculture, \$2,500; executive clerk, \$2,250; executive clerk, \$2,100; stenographer and executive clerk to the Secretary of Agriculture, \$2,250; private secretary to the Assistant Secretary of Agriculture, \$2,250; one appointment clerk, \$2,000; one officer in charge of supplies, \$2,000; one inspector, \$3,000; one inspector, \$2,250; one attorney, \$3,500; two attorneys, at \$3,250 each; two law clerks, at \$3,000 each; two law clerks, at \$2,750 each; four law clerks, at \$2,500 each; eight law clerks, at \$2,250 each; one law clerk, \$2,200; five law clerks, at \$2,000 each; three law clerks, at \$1,800 each; two law clerks, at \$1,600 each; one superintendent of telegraph and telephones, \$2,000; one telegraph and telephone operator, \$1,600; one assistant chief clerk and captain of the watch, \$1,800; one clerk, \$2,000; five clerks, class four; fourteen clerks, class three; seventeen clerks class two; thirty-one clerks, class one; one accountant and bookkeeper, \$2,000; one clerk, \$1,440; two clerks, at \$1,100 each; one clerk, \$1,020; five clerks, at \$1,000 each; seven clerks, at \$900 each; fourteen messengers or laborers, at \$840 each; twelve messengers or laborers, at \$720 each; one messenger or laborer, \$660; one mechanical superintendent, \$2,500; one mechanical assistant, \$1,800; one mechanical assistant, \$1,400; one mechanical assistant, \$1,380; one engineer, \$1,400; one electrical engineer and draftsman, \$1,200; one chief engineer, \$1,800; two assistant engineers, at \$1,200 each; two assistant engineers, at \$1,000 each; ten firemen, at \$1,080 each; one fireman, \$840; four firemen, at \$720 each; one chief elevator conductor, \$840; sixteen elevator conductors, at \$720 each; three elevator conductors, at \$600 each; one superintendent of shops, \$1,400; one cabinet shop foreman, \$1,200; five cabinetmakers or carpenters, at \$1,200 each; three cabinetmakers or carpenters, at \$1,100 each; nine cabinetmakers or carpenters, at \$1,020 each; three cabinetmakers or carpenters, at \$900 each; one instrument maker, \$1,200; one electrician,



\$1,100; two electrical wiremen, at \$1,100 each; one electrician or wireman, \$1,000; one electrical wireman, \$900; one electrician's helper, \$840; three electrician's helpers, at \$720 each; one painter, \$1,020; one painter, \$1,000; five painters, at \$900 each; five plumbers or steamfitters, at \$1,020 each; two plumber's helpers, at \$840 each; two plumber's helpers, at \$720 each; one blacksmith, \$900; one elevator machinist, \$1,200; one tinner or sheet-metal worker, \$1,100; one tinner's helper, \$720; one lieutenant of the watch, \$1,000; two lieutenants of the watch, at \$960 each; seventy-three watchmen, at \$720 each; four mechanics, at \$1,200 each; one mechanic, \$1,000; one foreman of stable, \$1,080; one skilled laborer, \$1,000; three skilled laborers, at \$960 each; two skilled laborers, at \$900 each; two skilled laborers, at \$840 each; two skilled laborers, at \$720 each; one janitor, \$900; thirteen messengers or laborers, at \$600 each; seven messenger boys, at \$600 each; twenty-two messenger boys, at \$480 each; one messenger boy, \$360; one charwoman, \$540; three charwomen, at \$480 each; one charwoman, \$360; sixteen charwomen, at \$240 each; for extra labor and emergency employments, \$12,480.

Total for Office of the Secretary of Agriculture, \$465,260.

#### OFFICE OF FARM MANAGEMENT AND FARM ECONOMICS.

**SALARIES, OFFICE OF FARM MANAGEMENT AND FARM ECONOMICS:** One chief of office, \$5,000; one assistant to the chief, \$2,520; one executive assistant, \$2,250; two clerks, class four; two clerks, class three; three clerks, class two; eighteen clerks, class one; three clerks, at \$1,100 each; four clerks, at \$1,080 each; one clerk or draftsman, \$1,020; twelve clerks, at \$1,000 each; one messenger or laborer, \$720; one messenger boy, \$660; three messenger boys, at \$480 each; one charwoman, \$480; five charwomen, at \$240 each; one library assistant, \$1,440; one library assistant, \$900; one photographer, \$1,400; one cartographer, \$1,500; one clerk or draftsman, \$1,440; one draftsman, \$1,200; in all, \$75,390.

**GENERAL EXPENSES, OFFICE OF FARM MANAGEMENT AND FARM ECONOMICS:** For the employment of persons in the city of Washington and elsewhere, furniture, supplies, traveling expenses, rent outside of the District of Columbia, and all other expenses necessary in carrying out the work herein authorized, as follows:

To investigate and encourage the adoption of improved methods of farm management and farm practice, \$300,000: *Provided*, That of this amount \$78,873 may be used in ascertaining the cost of production of the principal staple agricultural products.

Total for Office of Farm Management and Farm Economics, \$375,390.

#### WEATHER BUREAU.

**SALARIES, WEATHER BUREAU:** One chief of bureau, \$5,000; one assistant chief of bureau, \$3,250; one chief clerk, \$2,500; one chief of division of stations and accounts, \$2,750; one chief of printing division, \$2,500; three chiefs of division, at \$2,000 each; eight clerks, class four; eleven clerks, class three; twenty-three clerks, class two; forty-six clerks, class one; ten clerks, at \$1,000 each; five clerks, at \$900 each; one foreman of printing, \$1,600; one lithographer, \$1,500; three lithographers, at \$1,200 each; one pressman, \$1,200; one printer

or compositor, \$1,440; five printers or compositors, at \$1,350 each; twenty printers or compositors, at \$1,300 each; one printer or compositor, \$1,200; six printers or compositors, at \$1,080 each; four folders and feeders, at \$720 each; one supervising instrument maker, \$1,620; one instrument maker, \$1,440; three instrument makers, at \$1,300 each; one instrument maker, \$1,260; one skilled mechanic, \$1,300; three skilled mechanics, at \$1,200 each; twelve skilled mechanics, at \$1,000 each; one engineer, \$1,300; two firemen, at \$840 each; one captain of the watch, \$1,000; one electrician, \$1,200; one repairman, \$1,200; eight repairmen, at \$1,000 each; one gardener, \$1,000; four watchmen, at \$720 each; twenty-eight messengers or laborers, at \$720 each; six messengers or laborers, at \$660 each; twenty-two messengers or laborers, at \$600 each; eleven messenger boys, at \$600 each; ninety-nine messenger boys, at \$480 each; one charwoman, \$360; three charwomen, at \$240 each; in all, \$344,450.

**GENERAL EXPENSES, WEATHER BUREAU:** For carrying into effect in the District of Columbia and elsewhere in the United States, in the West Indies, in the Panama Canal, the Caribbean Sea, and on adjacent coasts, in the Hawaiian Islands, in Bermuda, and in Alaska, the provisions of an Act approved October 1, 1890, so far as they relate to the weather service transferred thereby to the Department of Agriculture, for the employment of professors of meteorology, district forecasters, local forecasters, meteorologists, section directors, observers, apprentices, operators, skilled mechanics, instrument makers, foremen, assistant foremen, proof readers, compositors, pressmen, lithographers, folders and feeders, repairmen, station agents, messengers, messenger boys, laborers, special observers, displaymen, and other necessary employees; for fuel, gas, electricity, freight and express charges, furniture, stationery, ice, dry goods, twine, mats, oil, paints, glass, lumber, hardware, and washing towels; for advertising; for purchase, subsistence, and care of horses and vehicles, the purchase and repair of harness, for official purposes only; for instruments, shelters, apparatus, storm-warning towers and repairs thereto; for rent of offices; for repairs and improvements to existing buildings and care and preservation of grounds, including the construction of necessary outbuildings and sidewalks on public streets abutting Weather Bureau grounds; and the erection of temporary buildings for living quarters of observers; for official traveling expenses; for telephone rentals, and for telegraphing, telephoning, and cabling reports and messages, rates to be fixed by the Secretary of Agriculture by agreements with the companies performing the service; for the maintenance and repair of Weather Bureau telegraph, telephone, and cable lines; and for every other expenditure required for the establishment, equipment, and maintenance of meteorological offices and stations and for the issuing of weather forecasts and warnings of storms, cold waves, frosts, and heavy snows, the gauging and measuring of the flow of rivers and the issuing of river forecasts and warnings; for observations and reports relating to crops and for other necessary observations and reports, including cooperation with other bureaus of the Government and societies and institutions of learning for the dissemination of meteorological information, as follows:

For necessary expenses in the city of Washington incident to collecting and disseminating meteorological climatological, and marine

information, and for investigations in meteorology, climatology, seismology, volcanology, evaporation, and aerology, \$109,250;

For the maintenance of a printing office in the city of Washington for the printing of weather maps, bulletins, circulars, forms, and other publications, including the pay of additional employees, when necessary, \$12,800: *Provided*, That no printing shall be done by the Weather Bureau that, in the judgment of the Secretary of Agriculture, can be done at the Government Printing Office without impairing the service of said bureau;

For necessary expenses outside of the city of Washington incident to collecting and disseminating meteorological, climatological, and marine information, and for investigations in meteorology, climatology, seismology, volcanology, evaporation, and aerology, \$1,303,030, including not to exceed \$700,000 for salaries, \$129,040 for special observations and reports, and \$295,750 for telegraphing and telephoning;

For official traveling expenses, \$26,000;

For the maintenance of stations, for observing, measuring, and investigating atmospheric phenomena, including salaries, travel, and other expenses in the city of Washington and elsewhere, \$81,020;

In all, for general expenses, \$1,532,100;

A commission composed of the Secretary of Agriculture, the Secretary of the Treasury, the Secretary of War, and the Secretary of the Navy, is hereby appointed to make an examination of the premises known as Mount Weather, situated at Mount Weather, in the counties of Loudoun and Clarke, in the State of Virginia, and comprising eighty-four and eighty-one one-hundredths acres of land, more or less, together with the buildings and other improvements thereon, including laboratories, cottages, sheds, stables, shops, heating and power plant, kite shelter, and other buildings of whatever nature, together with all the rights, easements, and appurtenances thereto belonging, and to report to Congress on the first day of the next session thereof, whether said premises can be suitably used as a sanitarium or as a home for disabled soldiers, sailors, or marines, or can be profitably utilized in any other way in connection with any other governmental function, and to make such recommendation in the premises as in the judgment of the commission may be deemed to the best interest of the Government;

Total for Weather Bureau, \$1,876,550.

#### BUREAU OF ANIMAL INDUSTRY.

SALARIES, BUREAU OF ANIMAL INDUSTRY: One chief of bureau, \$5,000; one chief clerk, \$2,500; one editor and compiler, \$2,250; one executive assistant, \$2,500; six executive clerks, at \$2,000 each; ten clerks, class four; one clerk, \$1,680; fifteen clerks, class three; seven clerks, at \$1,500 each; thirty-six clerks, class two; three clerks, at \$1,380 each; ten clerks, at \$1,320 each; one clerk, \$1,300; three clerks, at \$1,260 each; two hundred clerks, class one; fifteen clerks, at \$1,100 each; ten clerks, at \$1,080 each; twelve clerks, at \$1,020 each; seventy clerks, at \$1,000 each; six clerks, at \$960 each; twelve clerks, at \$900 each; one architect, \$2,000; one illustrator, \$1,400; one laboratory aid, \$1,200; one laboratory helper, \$1,200; six laboratory assistants, at \$1,200; one laboratory mechanic, \$1,440; one carpenter, \$1,140;



two carpenters, at \$1,000 each; two messengers and custodians, at \$1,200 each; one quarantine assistant, \$900; one skilled laborer, \$1,200; three skilled laborers, at \$1,000 each; eleven skilled laborers, at \$900 each; one painter, \$900; fifty laborers, at \$960 each; two laborers, at \$900 each; eleven messengers or laborers, at \$840 each; three laborers, at \$780 each; twenty-nine messengers or laborers, at \$720 each; two messenger boys, at \$660 each; three messenger boys, at \$600 each; five messenger boys, at \$540; twenty-five messenger boys, at \$480 each; one charwoman, \$600; two charwomen, at \$540 each; seventeen charwomen, at \$480 each; five charwomen, at \$360 each; two charwomen, at \$300 each; seven charwomen, at \$240 each; in all, \$669,230.

GENERAL EXPENSES, BUREAU OF ANIMAL INDUSTRY: For carrying out the provisions of the Act approved May 29, 1884, establishing a Bureau of Animal Industry, and the provisions of the Act approved March 3, 1891, providing for the safe transport and humane treatment of export cattle from the United States to foreign countries, and for other purposes; the Act approved August 30, 1890, providing for the importation of animals into the United States, and for other purposes; and the provisions of the Act of May 9, 1902, extending the inspection of meats to process butter, and providing for the inspection of factories, marking of packages, and so forth; and the provisions of the Act approved February 2, 1903, to enable the Secretary of Agriculture to more effectually suppress and prevent the spread of contagious and infectious diseases of live stock, and for other purposes; and also the provisions of the Act approved March 3, 1905, to enable the Secretary of Agriculture to establish and maintain quarantine districts, to permit and regulate the movement of cattle and other live stock therefrom, and for other purposes; and for carrying out the provisions of the Act of June 29, 1906, entitled "An Act to prevent cruelty to animals while in transit by railroad or other means of transportation"; and for carrying out the provisions of the Act approved March 4, 1913, regulating the preparation, sale, barter, exchange, or shipment of any virus, serum, toxin, or analogous products manufactured in the United States, and the importation of such products intended for use in the treatment of domestic animals; and to enable the Secretary of Agriculture to collect and disseminate information concerning live stock, dairy, and other animal products; to prepare and disseminate reports on animal industry; to employ and pay from the appropriation herein made as many persons in the city of Washington or elsewhere as he may deem necessary; to purchase in the open market samples of all tuberculin, serums, antitoxins, or analogous products, of foreign or domestic manufacture, which are sold in the United States, for the detection, prevention, treatment, or cure of diseases of domestic animals, to test the same, and to disseminate the results of said tests in such manner as he may deem best; to purchase and destroy diseased or exposed animals or quarantine the same whenever in his judgment essential to prevent the spread of pleuropneumonia, tuberculosis, or other diseases of animals from one State to another, as follows:

For inspection and quarantine work, including all necessary expenses for the eradication of scabies in sheep and cattle, the inspection of southern cattle, the supervision of the transportation of live stock and the inspection of vessels, the execution of the twenty-

eight-hour law, the inspection and quarantine of imported animals, including the establishment and maintenance of quarantine stations and repairs, alterations, improvements, or additions to buildings thereon; the inspection work relative to the existence of contagious diseases, and the mallein testing of animals, \$519,640;

For investigating the disease of tuberculosis of animals, for its control and eradication, for the tuberculin testing of animals, and for researches concerning the cause of the disease, its modes of spread, and methods of treatment and prevention, including demonstrations, the formation of organizations, and such other means as may be necessary, either independently or in cooperation with farmers, associations, State, Territory, or county authorities, \$1,480,440, of which \$800,000 shall be set aside for administrative and operating expenses, \$100,000 of which shall be immediately available, and \$680,440 for the payment of indemnities: *Provided, however,* That in carrying out the purpose of this appropriation, if in the opinion of the Secretary of Agriculture, it shall be necessary to destroy tuberculous animals and to compensate owners for loss thereof, he may, in his discretion, and in accordance with such rules and regulations as he may prescribe, expend in the city of Washington or elsewhere out of the moneys of this appropriation, such sums as he shall determine to be necessary, within the limitations above provided, for the reimbursement of owners of animals so destroyed, in cooperation with such States, Territories, counties, or municipalities, as shall by law or by suitable action in keeping with its authority in the matter, and by rules and regulations adopted and enforced in pursuance thereof, provide inspection of tuberculous animals and for compensation to owners of animals so destroyed, but no part of the money hereby appropriated shall be used in compensating owners of such animals except in cooperation with and supplementary to payments to be made by State, Territory, county, or municipality where condemnation of such animals shall take place; nor shall any payment be made hereunder as compensation for or on account of any such animal destroyed if at the time of inspection or test of such animal, or at the time of condemnation thereof, it shall belong to or be upon the premises of any person, firm, or corporation, to which it has been sold, shipped, or delivered for the purpose of being slaughtered: *Provided further,* That out of the money hereby appropriated no payment as compensation for any tuberculous animal destroyed shall exceed one-third of the difference between the appraised value of such animal and the value of the salvage thereof; that no payment hereunder shall exceed the amount paid or to be paid by the State, Territory, county, or municipality, where the animal shall be condemned; and that in no case shall any payment hereunder be more than \$25 for any grade animal or more than \$50 for any pure-bred animal, and no payment shall be made unless the owner has complied with all lawful quarantine regulations: *And provided further,* That the Act approved May 29, 1884 (Twenty-third Statutes at Large, page 31), be, and the same is hereby, amended to permit hereafter cattle which have reacted to the tuberculin test to be shipped, transported, or moved from one State, Territory, or the District of Columbia, to any other State, Territory, or the District of Columbia, for immediate slaughter, in accordance with such rules and regulations as shall be prescribed by the Secretary of Agriculture: *And provided*



further, That hereafter the Secretary of Agriculture may, in his discretion, and under such rules and regulations as he may prescribe, permit cattle which have been shipped for breeding or feeding purposes from one State, Territory, or the District of Columbia, to another State, Territory, or the District of Columbia, and which have reacted to the tuberculin test subsequent to such shipment, to be reshipped in interstate commerce to the original owner;

For all necessary expenses for the eradication of southern cattle ticks, \$681,160: *Provided*, That no part of this appropriation shall be used for the purchase of animals or in the purchase of materials for or in the construction of dipping vats upon land not owned solely by the United States, except at fairs or expositions where the Department of Agriculture makes exhibits or demonstrations; nor shall any part of this appropriation be used in the purchase of materials or mixtures for use in dipping vats except in experimental or demonstration work carried on by the officials or agents of the Bureau of Animal Industry;

For all necessary expenses for investigations and experiments in dairy industry, cooperative investigations of the dairy industry in the various States, inspection of renovated-butter factories and markets, \$325,000;

For all necessary expenses for investigations and experiments in animal husbandry; for experiments in animal feeding and breeding, including cooperation with the State agricultural experiment stations, including repairs and additions to and erection of buildings absolutely necessary to carry on the experiments, including the employment of labor in the city of Washington and elsewhere, rent outside of the District of Columbia, and all other necessary expenses, \$302,820: *Provided*, That of the sum thus appropriated \$20,000 may be used for experiments in the breeding and maintenance of horses for military purposes: *Provided further*, That of the sum thus appropriated \$58,640 may be used for experiments in poultry feeding and breeding: *Provided further*, That of the sum thus appropriated \$8,000 may be used for the equipment of the United States sheep experiment station in Fremont County, Idaho, including repairs and additions to and the erection of necessary buildings to furnish facilities for the investigation of problems pertaining to the sheep and wool industry on the farms and ranges of the Western States;

For all necessary expenses for scientific investigations in diseases of animals, including the maintenance and improvement of the bureau experiment station at Bethesda, Maryland, and the necessary alterations of buildings thereon, and the necessary expenses for investigations of tuberculin, serums, antitoxins, and analogous products, \$106,400: *Provided*, That of said sum \$40,000 may be used for researches concerning the cause, modes of spread, and methods of treatment and prevention of the disease of contagious abortion of animals;

For investigating the disease of hog cholera, and for its control or eradication by such means as may be necessary, including demonstrations, the formation of organizations, and other methods, either independently or in cooperation with farmers' associations, State or county authorities, \$410,000: *Provided*, That of said sum \$188,280 shall be available for expenditure in carrying out the provisions of the Act approved March 4, 1913, regulating the preparation, sale, barter, exchange, or shipment of any virus, serum, toxin, or analogous prod-

uct manufactured in the United States and the importation of such products intended for use in the treatment of domestic animals: *And provided further*, That of said sum \$29,520 shall be available for researches concerning the cause, modes of spread, and methods of treatment and prevention of this disease;

For all necessary expenses for the investigation, treatment, and eradication of dourine, \$65,200;

For general administrative work, including traveling expenses and salaries of employees engaged in such work, rent outside of the District of Columbia, office fixtures and supplies, express, freight, telegraph, telephone, and other necessary expenses, \$26,686;

In all, for general expenses, \$3,917,346.

MEAT INSPECTION, BUREAU OF ANIMAL INDUSTRY: For additional expenses in carrying out the provisions of the meat-inspection Act of June 30, 1906 (Thirty-fourth Statutes at Large, page 674), as amended by the Act of March 4, 1907 (Thirty-fourth Statutes at Large, page 1256), and as extended to equine meat by the Act of July 24, 1919 (Public Numbered 22, Sixty-sixth Congress, page 8), including the purchase of tags, labels, stamps, and certificates printed in course of manufacture, \$892,580.

Total for Bureau of Animal Industry, \$5,479,156.

#### BUREAU OF PLANT INDUSTRY.

SALARIES, BUREAU OF PLANT INDUSTRY: One physiologist and pathologist, who shall be chief of bureau, \$5,000; one assistant to the chief, \$3,000; one executive assistant in seed distribution, \$2,500; one officer in charge of publications, \$2,250; one landscape gardener, \$1,800; one officer in charge of records, \$2,250; one executive clerk, \$2,000; four executive clerks, at \$1,980 each; one seed inspector, \$1,000; one seed warehouseman, \$1,400; one seed warehouseman, \$1,000; twelve clerks, class four; seventeen clerks, class three; five clerks, at \$1,500 each; twenty-eight clerks, class two; three clerks, at \$1,320 each; eighty-nine clerks, class one; two clerks or draftsmen, at \$1,200 each; two clerks, at \$1,100 each; five clerks, at \$1,080 each; seven clerks, at \$1,020 each; thirty clerks, at \$1,000 each; twenty-six clerks, at \$900 each; one clerk or draftsman, \$900; eleven clerks, at \$840 each; one laborer, \$780; fifty-three messengers or laborers, at \$720 each; eight messengers or laborers, at \$660 each; seventeen messengers or laborers, at \$600 each; one artist, \$1,620; one clerk or artist, \$1,400; two clerks or artists, at \$1,200 each; two laboratory aids, at \$1,440 each; one laboratory aid, \$1,380; four laboratory aids or clerks, at \$1,200 each; one laboratory aid, clerk, or skilled laborer, \$1,080; three laboratory aids, clerks, or skilled laborers, at \$1,020 each; two laboratory aids, at \$960 each; two laboratory aids, at \$900 each; six laboratory aids, at \$840 each; seven laboratory aids, at \$720 each; one map tracer or laboratory aid, \$900; two gardeners, at \$1,440 each; four gardeners, at \$1,200 each; eight gardeners, at \$1,100 each; fifteen gardeners, at \$900 each; nineteen gardeners, at \$780 each; one skilled laborer, \$1,100; one skilled laborer, \$960; two skilled laborers, at \$900 each; three skilled laborers, at \$840 each; one assistant in technology, \$1,400; one assistant in technology, \$1,380; one general mechanic, \$1,400; one mechanic, \$1,080; one mechanical assistant, \$1,400; one



mechanical assistant, \$1,200; one carpenter, \$900; one painter, \$900; one teamster, \$840; twenty-one messengers or laborers, at \$540 each; twenty-nine messengers or laborers, at \$480 each; five messenger boys, at \$660 each; fourteen messenger boys, at \$600 each; ten messenger boys, at \$480 each; five messenger boys, at \$420 each; four charwomen, at \$480 each; twenty-one charwomen, at \$240 each; in all, \$517,300.

GENERAL EXPENSES, BUREAU OF PLANT INDUSTRY: For all necessary expenses in the investigation of fruits, fruit trees, grain, cotton, tobacco, vegetables, grasses, forage, drug, medicinal, poisonous, fiber, and other plants and plant industries, in cooperation with other branches of the department, the State experiment stations, and practical farmers, and for the erection of necessary farm buildings: *Provided*, That the cost of any building erected shall not exceed \$1,500; for field and station expenses, including fences, drains, and other farm improvements; for repairs in the District of Columbia and elsewhere; for rent outside of the District of Columbia; and for the employment of all investigators, local and special agents, agricultural explorers, experts, clerks, illustrators, assistants, and all labor and other necessary expenses in the city of Washington and elsewhere required for the investigations, experiments, and demonstrations herein authorized, as follows:

For investigations of plant diseases and pathological collections, including the maintenance of a plant-disease survey, \$62,020;

For the investigation of diseases of orchard and other fruits, \$80,935: *Provided*, That \$8,000 of said amount shall be available for the investigation of diseases of the pecan;

For conducting such investigations of the nature and means of communication of the disease of citrus trees, known as citrus canker, and for applying such methods of eradication or control of the disease as in the judgment of the Secretary of Agriculture may be necessary, including the payment of such expenses and the employment of such persons and means, in the city of Washington and elsewhere, and cooperation with such authorities of the States concerned, organizations of growers, or individuals, as he may deem necessary to accomplish such purposes, \$109,720, and, in the discretion of the Secretary of Agriculture, no expenditures shall be made for these purposes until a sum or sums at least equal to such expenditures shall have been appropriated, subscribed, or contributed by State, county, or local authorities; or by individuals or organizations for the accomplishment of such purposes: *Provided*, That no part of the money herein appropriated shall be used to pay the cost or value of trees or other property injured or destroyed;

For the investigation of diseases of forest and ornamental trees and shrubs, including a study of the nature and habits of the parasitic fungi causing the chestnut-tree bark disease, the white-pine blister rust, and other epidemic tree diseases, for the purpose of discovering new methods of control and applying methods of eradication or control already discovered, \$81,115;

For applying such methods of eradication or control of the white-pine blister rust as in the judgment of the Secretary of Agriculture may be necessary, including the payment of such expenses and the employment of such persons and means in the city of Washington and elsewhere, in cooperation with such authorities of the States

concerned, organizations, or individuals as he may deem necessary to accomplish such purposes \$214,168, and in the discretion of the Secretary of Agriculture no expenditures shall be made for these purposes until a sum or sums at least equal to such expenditures shall have been appropriated, subscribed, or contributed by State, county, or local authorities, or by individuals or organizations for the accomplishment of such purposes: *Provided*, That no part of the money herein appropriated shall be used to pay the cost or value of trees or other property injured or destroyed;

For the investigation of diseases of cotton, potatoes, truck crops, forage crops, drug and related plants, \$95,400;

For investigating the physiology of crop plants and for testing and breeding varieties thereof, \$46,860;

For soil-bacteriology and plant-nutrition investigations, including the testing of samples, procured in the open market, of cultures for inoculating legumes, and if any such samples are found to be impure, nonviable, or misbranded, the results of the tests may be published, together with the names of the manufacturers and of the persons by whom the cultures were offered for sale, \$39,060;

For soil-fertility investigations into organic causes of infertility and remedial measures, maintenance of productivity, properties and composition of soil humus, and the transformation and formation of soil humus by soil organisms, \$45,060;

For acclimatization and adaptation investigations of cotton, corn, and other crops introduced from tropical regions, and for the improvement of cotton and other fiber plants by cultural methods, breeding, and selection, and for determining the feasibility of increasing the production of hard fibers outside of the continental United States, \$101,410: *Provided*, That not more than \$7,500 of this sum may be used for experiments in cottonseed interbreeding;

For the investigation, testing, and improvement of plants yielding drugs, spices, poisons, oils, and related products and by-products, and for general physiological and fermentation investigations, \$39,820;

For crop technological investigations, including the study of plant-infesting nematodes, \$24,940;

For studying and testing commercial seeds, including the testing of samples of seeds of grasses, clover, or alfalfa, and lawn-grass seeds secured in the open market, and where such samples are found to be adulterated or misbranded the results of the tests shall be published, together with the names of the persons by whom the seeds were offered for sale, and for carrying out the provisions of the Act approved August 24, 1912, entitled "An Act to regulate foreign commerce by prohibiting the admission into the United States of certain adulterated grain and seeds unfit for seeding purposes" (Thirty-seventh Statutes at Large, page 506), \$41,680;

For the investigation and improvement of cereals and methods of cereal production, and the study of cereal diseases, and for the investigation of the cultivation and breeding of flax for seed purposes, including a study of flax diseases, and for the investigation and improvement of broom corn and methods of broom-corn production, \$359,705: *Provided*, That \$50,000 shall be set aside for the investigation and control of the diseases of wheat, oats, and barley known as black rust, leaf rust, and stripe rust: *Provided also*, That \$147,200

shall be set aside for the location of and destruction of the barberry bushes and other vegetation from which such rust spores originate;

To enable the Secretary of Agriculture to meet the emergency caused by the existence in the United States of flag smut of wheat, take-all, helminthosporium, and other destructive soil and seed-infecting diseases of wheat and of other cereals, there is hereby appropriated, out of any moneys in the Treasury not otherwise appropriated, \$50,000, to be used in cooperation with the Plant Disease Survey, investigation, and control authorities of the several States to prevent the further spread of and to eradicate or control these diseases;

For the investigation and improvement of tobacco and the methods of tobacco production and handling, \$32,000;

For the breeding and physiological study of alkali-resistant and drought-resistant crops, \$20,080;

For sugar-plant investigations, including studies of diseases and the improvement of the beet and beet seed, and methods of culture, and to determine for each sugar-beet area the agricultural operations required to insure a stable agriculture, \$94,115;

For investigations in economic and systematic botany and the improvement and utilization of wild plants and grazing lands, \$22,200;

For the investigation and improvement of methods of crop production under subhumid, semiarid, or dry-land conditions, \$159,000: *Provided*, That no part of this appropriation shall be used in the free distribution, or propagation for free distribution, of cuttings, seedlings, or trees of willow, box elder, ash, caragana, or other common varieties of fruit, ornamental, or shelter-belt trees in the Northern Great Plains area, except for experimental or demonstration purposes in the States of North and South Dakota west of the one hundredth meridian, and in Montana and Wyoming east of the five thousand-foot contour line;

For investigations in connection with western irrigation agriculture, the utilization of lands reclaimed under the Reclamation Act, and other areas in the arid and semiarid regions, \$52,380;

For the investigation, improvement, encouragement, and determination of the adaptability to different soils and climatic conditions of pecans, almonds, Persian walnuts, black walnuts, hickory nuts, butternuts, chestnuts, filberts, and other nuts, and for methods of growing, harvesting, packing, shipping, storing, and utilizing the same, \$20,000;

For the investigation and improvement of fruits, and the method of fruit growing, harvesting, and, in cooperation with the Bureau of Markets, studies of the behavior of fruits during the processes of marketing and while in commercial storage, \$83,200;

To cultivate and care for the gardens and grounds of the Department of Agriculture in the city of Washington, including the keep and lighting of the grounds and the construction, surfacing, and repairing of roadways and walks; and to erect, manage, and maintain conservatories, greenhouses, and plant and fruit propagating houses on the grounds of the Department of Agriculture in the city of Washington, \$11,690;

For horticultural investigations, including the study of producing and harvesting truck and related crops, including potatoes, and, in



cooperation with the Bureau of Markets, studies of the behavior of vegetables while in the processes of marketing and in commercial storage, and the study of landscape and vegetable gardening, floriculture, and related subjects, \$71,940;

For investigating, in cooperation with States or privately owned nurseries, methods of propagating fruit trees, ornamental and other plants, the study of stocks used in propagating such plants and methods of growing stocks, for the purpose of providing American sources of stocks, cuttings, or other propagating materials, \$20,000;

For continuing the necessary improvements to establish and maintain a general experiment farm and agricultural station on the Arlington estate, in the State of Virginia, in accordance with the provisions of the Act of Congress approved April 18, 1900, \$20,500: *Provided*, That the limitations in this Act as to the cost of farm buildings shall not apply to this paragraph;

For investigations in foreign seed and plant introduction, including the study, collection, purchase, testing, propagation, and distribution of rare and valuable seeds, bulbs, trees, shrubs, vines, cuttings, and plants from foreign countries and from our possessions, and for experiments with reference to their introduction and cultivation in this country, \$92,700;

For the purchase, propagation, testing, and distribution of new and rare seeds; for the investigation and improvement of grasses, alfalfa, clover, and other forage crops, including the investigation of the utilization of cacti and other dry-land plants; and to conduct investigations to determine the most effective methods of eradicating weeds, \$130,000: *Provided*, That of this amount not to exceed \$56,600 may be used for the purchase and distribution of such new and rare seeds;

For general administrative expenses connected with the above-mentioned lines of investigation, including the office of the chief of bureau, the assistant chief of bureau, the officers in charge of publications, records, supplies, and property, and for miscellaneous expenses incident thereto, \$25,980;

In all, for general expenses, \$2,247,678.

**PURCHASE AND DISTRIBUTION OF VALUABLE SEEDS:** For purchase, propagation, testing, and congressional distribution of valuable seeds, bulbs, trees, shrubs, vines, cuttings, and plants; all necessary office fixtures and supplies, fuel, transportation, paper, twine, gum, postal cards, gas, electric current, rent outside of the District of Columbia, official traveling expenses, and all necessary material and repairs for putting up and distributing the same; for repairs and the employment of local and special agents, clerks, assistants, and other labor required, in the city of Washington and elsewhere, \$239,416. And the Secretary of Agriculture is hereby directed to expend the said sum, as nearly as practicable, in the purchase, testing, and distribution of such valuable seeds, bulbs, shrubs, vines, cuttings, and plants, the best he can obtain at public or private sale, and such as shall be suitable for the respective localities to which the same are to be apportioned, and in which same are to be distributed as hereinafter stated, and such seeds so purchased shall include a variety of vegetable and flower seeds suitable for planting and culture in the various sections of the United States: *Provided*, That the Secretary of Agriculture, after due advertisement and on competitive bids, is authorized to award the contract for the supplying of printed packets and envelopes



and the packeting, assembling, and mailing of the seeds, bulbs, shrubs, vines, cuttings, and plants, or any part thereof, for a period of not more than five years nor less than one year, if by such action he can best protect the interests of the United States. An equal proportion of five-sixths of all seeds, bulbs, shrubs, vines, cuttings, and plants, shall upon their request, after due notification by the Secretary of Agriculture, that the allotment to their respective districts is ready for distribution, be supplied to Senators, Representatives, and Delegates in Congress for distribution among their constituents, or mailed by the department upon the receipt of their addressed franks, in packages of such weight as the Secretary of Agriculture and the Postmaster General may jointly determine: *Provided, however,* That upon each envelope or wrapper containing packages of seeds the contents thereof shall be plainly indicated, and the Secretary shall not distribute to any Senator, Representative, or Delegate seeds entirely unfit for the climate and locality he represents, but shall distribute the same so that each Member may have seeds of equal value, as near as may be, and the best adapted to the locality he represents: *Provided also,* That the seeds allotted to Senators and Representatives for distribution in the districts embraced within the twenty-fifth and thirty-fourth parallels of latitude shall be ready for delivery not later than the 10th day of January: *Provided also,* That any portion of the allotments to Senators, Representatives, and Delegates in Congress remaining uncalled for on the 1st day of a April shall be distributed by the Secretary of Agriculture, giving preference to those persons whose names and addresses have been furnished by Senators and Representatives in Congress and who have not before during the same season been supplied by the department: *And provided also,* That the Secretary shall report, as provided in this Act, the place, quantity, and price of seeds purchased, and the date of purchase; but nothing in this paragraph shall be construed to prevent the Secretary of Agriculture from sending seeds to those who apply for the same. And the amount herein appropriated shall not be diverted or used for any other purpose but for the purchase, testing, propagation, and distribution of valuable seeds, bulbs, mulberry and other rare and valuable trees, shrubs, vines, cuttings, and plants.

Total for Bureau of Plant Industry, \$2,764,978.

#### FOREST SERVICE.

**SALARIES, FOREST SERVICE:** One forester, who shall be chief of bureau, \$5,000; one chief of office of accounts and fiscal agent, \$2,500; one inspector of records, \$2,400; seven district fiscal agents, at \$2,120 each; one forest supervisor, \$3,240; one forest supervisor, \$2,880; eight forest supervisors, at \$2,500 each; sixteen forest supervisors, at \$2,380 each; forty-four forest supervisors, at \$2,180 each; sixty forest supervisors, at \$1,980 each; five forest supervisors, at \$1,780 each; one deputy forest supervisor, \$1,980; four deputy forest supervisors, at \$1,880 each; twenty-five deputy forest supervisors, at \$1,780 each; twenty-eight deputy forest supervisors, at \$1,680 each; fifteen deputy forest supervisors, at \$1,580 each; eleven forest rangers, at \$1,620 each; twenty-three forest rangers, at \$1,520 each;

seventy-eight forest rangers, at \$1,420 each; two hundred and eighty-eight forest rangers, at \$1,320 each; five hundred and ninety forest rangers, at \$1,220 each; one clerk, \$2,100; four clerks, at \$2,000 each; nineteen clerks, at \$1,800 each; twenty-one clerks, at \$1,600 each; nine clerks, at \$1,500 each; twenty-three clerks, at \$1,400 each; nine clerks, at \$1,300 each; one hundred and thirty-eight clerks, at \$1,200 each; ninety-five clerks, at \$1,100 each; fifty-four clerks, at \$1,020 each; thirty clerks, at \$960 each; one hundred clerks, at \$900 each; two clerks, at \$840 each; one clerk, \$600; one clerk or proof reader, \$1,400; one clerk or translator, \$1,400; one compiler, \$1,800; one draftsman, \$2,000; two draftsmen or surveyors, at \$1,800 each; three draftsmen, at \$1,600 each; one clerk or compositor, \$1,600; three draftsmen or surveyors, at \$1,600 each; sixteen draftsmen or surveyors, at \$1,500 each; six draftsmen or surveyors, at \$1,400 each; two draftsmen, at \$1,500 each; nine draftsmen, at 1,400 each; four draftsmen, at \$1,300 each; sixteen draftsmen, at \$1,200 each; two draftsmen, at \$1,100 each; three draftsmen, at \$1,020 each; one draftsman, \$1,000; one draftsman, \$960; twelve draftsmen or map colorists, at \$900 each; one draftsman or artist, \$1,200; one draftsman or negative cutter, \$1,200; one artist, \$1,600; one artist, \$1,000; one photographer, \$1,600; one photographer, \$1,400; one photographer, \$1,200; one photographer, \$1,100; one lithographer or photographer, \$1,200; one lithographer's helper, \$780; one blue-printer, \$900; one blue-printer, \$720; two telephone operators, at \$600 each; one machinist, \$1,260; two carpenters, at \$1,200 each; three carpenters, at \$1,000 each; one carpenter, \$960; one electrician, \$1,020; one laboratory aid and engineer, \$1,000; nine laboratory aids and engineers, at \$900 each; two laboratory aids and engineers, at \$800 each; one laboratory helper, \$720; one laboratory helper, \$600; one packer, \$1,000; one packer, \$780; four watchmen, at \$840 each; two messengers or laborers, at \$960 each; three messengers or laborers, at \$900 each; four messengers or laborers, at \$840 each; three messengers or laborers, at \$780 each; five messengers or laborers, at \$720 each; six messengers or laborers, at \$660 each; five messenger boys, at \$600 each; two messenger boys, at \$540 each; three messenger boys, at \$480 each; three messenger boys, at \$420 each; thirteen messenger boys, at \$360 each; one charwoman, \$540; one charwoman, \$480; one charwoman, \$300; eleven charwomen, at \$240 each; in all, \$2,478,380.

**GENERAL EXPENSES, FOREST SERVICE:** To enable the Secretary of Agriculture to experiment and to make and continue investigations and report on forestry, national forests, forest fires, and lumbering, but no part of this appropriation shall be used for any experiment or test made outside the jurisdiction of the United States; to advise the owners of woodlands as to the proper care of the same; to investigate and test American timber and timber trees and their uses, and methods for the preservative treatment of timber; to seek, through investigations and the planting of native and foreign species, suitable trees for the treeless regions; to erect necessary buildings: *Provided*, That the cost of any building erected or as improved shall not exceed \$1,000. To pay all expenses necessary to protect, administer and improve the national forests, including tree planting in the forest reserves to prevent erosion, drift, surface wash, and soil waste and the formation of floods, and including the payment of rewards under

regulations of the Secretary of Agriculture for information leading to the arrest and conviction for violation of the laws and regulations relating to fires in or near national forests, or for the unlawful taking of, or injury to, Government property; to ascertain the natural conditions upon and utilize the national forests; and the Secretary of Agriculture may, in his discretion, permit timber and other forest products cut or removed from the national forests to be exported from the State or Territory in which said forests are respectively situated; to transport and care for fish and game supplied to stock the national forests or the waters therein; to employ agents, clerks, assistants, and other labor required in practical forestry and in the administration of national forests in the city of Washington and elsewhere; to collate, digest, report, and illustrate the results of experiments and investigations made by the Forest Service; to purchase necessary supplies, apparatus, office fixtures, law books, and technical books and technical journals for officers of the Forest Service stationed outside of Washington, and for medical supplies and services and other assistance necessary for immediate relief of artisans, laborers, and other employees engaged in any hazardous work under the Forest Service; to pay freight, express, telephone, and telegraph charges; for electric light and power, fuel, gas, ice, washing towels, and official traveling and other necessary expenses, including traveling expenses for legal and fiscal officers while performing Forest Service work; and for rent outside of the District of Columbia, as follows:

For employment of forest supervisors, deputy forest supervisors, forest rangers, and forest guards, \$125,000;

For salaries and field and station expenses, including the maintenance of nurseries, collecting seed, and planting necessary for the use, maintenance, improvement, and protection of the national forests named below:

Absaroka National Forest, Montana, \$6,703;  
 Angeles National Forest, California, \$11,926;  
 Apache National Forest, Arizona, \$9,779;  
 Arapahoe National Forest, Colorado, \$5,736;  
 Arkansas National Forest, Arkansas, \$15,730;  
 Ashley National Forest, Utah and Wyoming, \$3,865;  
 Battlement National Forest, Colorado, \$4,916;  
 Beartooth National Forest, Montana, \$7,597;  
 Beaverhead National Forest, Montana and Idaho, \$5,296;  
 Bighorn National Forest, Wyoming, \$6,937;  
 Bitterroot National Forest, Montana, \$17,189;  
 Blackfeet National Forest, Montana, \$19,888;  
 Black Hills National Forest, South Dakota and Wyoming, \$12,668;  
 Boise National Forest, Idaho, \$5,247;  
 Bridger National Forest, Wyoming, \$3,159;  
 Cabinet National Forest, Montana, \$16,806;  
 Cache National Forest, Utah and Idaho, \$2,207;  
 California National Forest, California, \$15,028;  
 Caribou National Forest, Idaho and Wyoming, \$6,403;  
 Carson National Forest, New Mexico, \$9,302;  
 Cascade National Forest, Oregon, \$7,835;  
 Challis National Forest, Idaho, \$3,668;  
 Chelan National Forest, Washington, \$6,260;



Chugach National Forest, Alaska, \$7,938;  
 Clearwater National Forest, Idaho, \$38,201;  
 Cleveland National Forest, California, \$8,433;  
 Cochetopa National Forest, Colorado, \$5,931;  
 Coconino National Forest, Arizona, \$21,673;

Coeur d'Alene National Forest, Idaho, \$53,290: *Provided*, That the Secretary of Agriculture is authorized to use not to exceed \$500 of the funds herein appropriated for the Coeur d'Alene National Forest for the marking of the graves in Wallace, Idaho, of thirteen men who lost their lives while fighting forest fires in the employ of the Forest Service on the Coeur d'Alene National Forest on August 10, 1910; including concrete curbing for the graves, and seeding, planting, and improving the plot;

Colorado National Forest, Colorado, \$7,459,  
 Columbia National Forest, Washington, \$9,758;  
 Colville National Forest, Washington, \$8,399;  
 Coronado National Forest, Arizona and New Mexico, \$11,050;  
 Crater National Forest, Oregon and California, \$22,688;  
 Crook National Forest, Arizona, \$3,735;  
 Custer National Forest, Montana and South Dakota, \$5,470;  
 Datil National Forest, New Mexico, \$13,950;  
 Deerlodge National Forest, Montana, \$19,813;  
 Deschutes National Forest, Oregon, \$10,175;  
 Dixie National Forest, Utah, Arizona, and Nevada, \$1,596;  
 Durango National Forest, Colorado, \$4,964;  
 Eldorado National Forest, California and Nevada, \$7,988;  
 Fillmore National Forest, Utah, \$4,987;  
 Fishlake National Forest, Utah, \$2,320;  
 Flathead National Forest, Montana, \$51,826;  
 Florida National Forest, Florida, \$4,927;  
 Fremont National Forest, Oregon, \$5,427;  
 Gallatin National Forest, Montana, \$4,810;  
 Gila National Forest, New Mexico, \$10,847;  
 Gunnison National Forest, Colorado, \$5,371;  
 Harney National Forest, South Dakota, \$6,535;  
 Hayden National Forest, Wyoming and Colorado, \$5,868;  
 Helena National Forest, Montana, \$4,012;  
 Holy Cross National Forest, Colorado, \$6,394;  
 Humboldt National Forest, Nevada, \$6,330;  
 Idaho National Forest, Idaho, \$33,365;  
 Inyo National Forest, California and Nevada, \$3,076;  
 Jefferson National Forest, Montana, \$8,430;  
 Kaibab National Forest, Arizona, \$2,708;  
 Kaniksú National Forest, Idaho and Washington, \$28,000;  
 Klamath National Forest, California and Oregon, \$20,249;  
 Kootenai National Forest, Montana, \$26,102;  
 La Sal National Forest, Utah and Colorado, \$2,754;  
 Lassen National Forest, California, \$14,181;  
 Leadville National Forest, Colorado, \$5,524;  
 Lemhi National Forest, Idaho, \$2,490;  
 Lewis and Clark National Forest, Montana, \$10,626;  
 Lincoln National National Forest, New Mexico, \$11,178;  
 Lolo National Forest, Montana, \$26,652;  
 Luquillo National Forest, Porto Rico, \$1,700;



Madison National Forest, Montana, \$3,930;  
 Malheur National Forest, Oregon, \$6,091;  
 Manti National Forest, Utah, \$6,090;  
 Manzano National Forest, New Mexico, \$5,860;  
 Medicine Bow National Forest, Wyoming, \$9,450;  
 Michigan National Forest, Michigan, \$1,981;  
 Minidoka National Forest, Idaho and Utah, \$4,709;  
 Minnesota National Forest, Minnesota, \$2,970;  
 Missoula National Forest, Montana, \$15,212;  
 Modoc National Forest, California, \$7,388;  
 Mono National Forest, Nevada and California, \$1,647;  
 Montezuma National Forest, Colorado, \$4,670;  
 Nebraska National Forest, Nebraska, \$1,165; and to extend the work to the Niobrara division thereof, \$5,000: *Provided*, That from the nurseries on said forest the Secretary of Agriculture, under such rules and regulations as he may prescribe, may furnish young trees free, so far as they may be spared, to residents of the territory covered by "An Act increasing the area of homesteads in a portion of Nebraska," approved April 28, 1904, \$6,165;  
 Nevada National Forest, Nevada, \$2,249;  
 Nezperce National Forest, Idaho, \$25,690;  
 Ochoco National Forest, Oregon, \$6,451;  
 Okanogan National Forest, Washington, \$11,464;  
 Olympic National Forest, Washington, \$16,598;  
 Oregon National Forest, Oregon, \$20,409;  
 Ozark National Forest, Arkansas, \$9,030;  
 Payette National Forest, Idaho, \$17,887;  
 Pend Oreille National Forest, Idaho, \$20,074;  
 Pike National Forest, Colorado, \$13,373;  
 Plumas National Forest, California, \$24,203;  
 Powell National Forest, Utah, \$1,010;  
 Prescott National Forest, Arizona, \$6,255;  
 Rainier National Forest, Washington, \$13,035;  
 Rio Grande National Forest, Colorado, \$7,157;  
 Routt National Forest, Colorado, \$6,585;  
 Salmon National Forest, Idaho, \$6,177;  
 San Isabel National Forest, Colorado, \$3,924;  
 San Juan National Forest, Colorado, \$5,534;  
 Santa Barbara National Forest, California, \$10,774;  
 Santa Fe National Forest, New Mexico, \$17,040;  
 Santiam National Forest, Oregon, \$7,852;  
 Sawtooth National Forest, Idaho, \$4,953;  
 Selway National Forest, Idaho, \$47,367;  
 Sequoia National Forest, California, \$13,744;  
 Sevier National Forest, Utah, \$2,110;  
 Shasta National Forest, California, \$17,425;  
 Shoshone National Forest, Wyoming, \$7,381;  
 Sierra National Forest, California, \$15,750;  
 Siskiyou National Forest, Oregon and California, \$16,360;  
 Sitgreaves National Forest, Arizona, \$8,341;  
 Siuslaw National Forest, Oregon, \$6,042;  
 Snoqualmie National Forest, Washington, \$13,566;  
 Sopris National Forest, Colorado, \$5,411;

Stanislaus National Forest, California, \$14,697;  
 St. Joe National Forest, Idaho, \$32,026;  
 Superior National Forest, Minnesota, \$9,809;  
 Tahoe National Forest, California and Nevada, \$16,337;  
 Targhee National Forest, Idaho and Wyoming, \$9,558;  
 Teton National Forest, Wyoming, \$4,404;  
 Toiyabe National Forest, Nevada, \$3,694;  
 Tongass National Forest, Alaska, \$15,224;  
 Tonto National Forest, Arizona, \$7,685;  
 Trinity National Forest, California, \$19,484;  
 Tusayan National Forest, Arizona, \$8,819;  
 Uinta National Forest, Utah, \$4,555;  
 Umatilla National Forest, Oregon, \$6,562;  
 Umpqua National Forest, Oregon, \$13,509;  
 Uncompahgre National Forest, Colorado, \$6,690;  
 Wallowa National Forest, Oregon, \$9,617;  
 Wasatch National Forest, Utah, \$5,000;  
 Washakie National Forest, Wyoming, \$6,726;  
 Washington National Forest, Washington, \$7,642;  
 Weiser National Forest, Idaho, \$6,493;  
 Wenaha National Forest, Washington and Oregon, \$5,420;  
 Wenatchee National Forest, Washington, \$11,884;  
 White River National Forest, Colorado, \$6,272;  
 Whitman National Forest, Oregon, \$25,201;  
 Wichita National Forest, Oklahoma, \$2,416;  
 Wyoming National Forest, Wyoming, \$5,089;

Additional national forests created or to be created under section 11 of the Act of March 1, 1911 (Thirty-sixth Statutes at Large, page 963), and lands under contract for purchase or for the acquisition of which condemnation proceedings have been instituted for the purposes of said Act, \$84,750;

For necessary miscellaneous expenses incident to the general administration of the Forest Service and of the national forests specified above:

In National Forest District One, \$61,700;  
 In National Forest District Two, \$47,800;  
 In National Forest District Three, \$55,200;  
 In National Forest District Four, \$49,500;  
 In National Forest District Five, \$69,740;  
 In National Forest District Six, \$60,800;  
 In National Forest District Seven, \$14,900;  
 In the District of Columbia, \$120,330;

In all, for the use, maintenance, improvement, protection, and general administration of the specified national forests, \$2,100,262: *Provided*, That the foregoing amounts appropriated for such purposes shall be available interchangeably in the discretion of the Secretary of Agriculture for the necessary expenditures for fire protection and other unforeseen exigencies: *Provided further*, That the amounts so interchanged shall not exceed in the aggregate 10 per centum of all the amounts so appropriated;

For the selection, classification, and segregation of lands within the boundaries of national forests that may be opened to homestead settlement and entry under the homestead laws applicable to the national forests; for the examination and appraisal of lands in effecting

exchanges authorized by law and for the survey thereof by metes and bounds or otherwise by employees of the Forest Service under the direction of the Commissioner of the General Land Office; and for the survey and platting of certain lands, chiefly valuable for agriculture, now listed or to be listed within the national forests, under the Act of June 11, 1906 (Thirty-fourth Statutes, page 233), and the Act of March 3, 1899 (Thirtieth Statutes, page 1095), as provided by the Act of March 4, 1913, \$87,000;

For the purchase and maintenance of necessary field, office, and laboratory supplies, instruments, and equipments, \$150,000;

For investigations of methods for wood distillation and for the preservative treatment of timber, for timber testing, and the testing of such woods as may require test to ascertain if they be suitable for making paper, for investigations and tests within the United States of foreign woods of commercial importance to industries in the United States, and for other investigations and experiments to promote economy in the use of forest products, and for commercial demonstrations of improved methods or processes, in cooperation with individuals and companies, \$223,260;

For experiments and investigations of range conditions within the national forests or elsewhere on the public range, and of methods for improving the range by reseeding, regulation of grazing, and other means, \$35,000;

For the purchase of tree seed, cones, and nursery stock, for seeding and tree planting within national forests, and for experiments and investigations necessary for such seeding and tree planting, \$120,640;

For silvicultural, dendrological, and other experiments and investigations independently or in cooperation with other branches of the Federal Government, with States and with individuals, to determine the best methods for the conservative management of forests and forest lands, \$50,000;

For estimating and appraising timber and other resources on the national forests preliminary to disposal by sale or to the issue of occupancy permits, and for emergency expenses incident to their sale or use, \$80,000;

For other miscellaneous forest investigations, and for collating, digesting, recording, illustrating, and distributing the results of the experiments and investigations herein provided for, \$31,280;

For the construction and maintenance of roads, trails, bridges, fire lanes, telephone lines, cabins, fences, and other improvements necessary for the proper and economical administration, protection, and development of the national forests, \$400,000: *Provided*, That not to exceed \$50,000 may be expended for the construction and maintenance of boundary and range division fences, counting corrals, stock driveways and bridges, the development of stock watering places, and the eradication of poisonous plants on the national forests: *Provided further*, That no part of any funds appropriated for the Forest Service shall be used to pay the transportation or traveling expenses of any forest officer or agent except he be traveling on business directly connected with the Forest Service and in furtherance of the works, aims, and objects specified and authorized by law: *And provided also*, That no part of any funds appropriated for the Forest Service shall be paid or used for the purpose



of paying for, in whole or in part, the preparation or publication of any newspaper or magazine article, but this shall not prevent the giving out to all persons, without discrimination, including newspaper and magazine writers and publishers, of any facts or official information of value to the public;

In all, for general expenses, \$3,402,442.

To enable the Secretary of Agriculture more effectively to carry out the provisions of the Act of March 1, 1911 (Thirty-sixth Statutes, page 961), entitled "An Act to enable any State to cooperate with any other State or States, or with the United States, for the protection of watersheds of navigable streams, and to appoint a commission for the acquisition of lands for the purpose of conserving the navigability of navigable rivers," \$21,770 of the moneys appropriated therein, or for carrying out its purposes, shall be available for the employment of agents, title attorneys, clerks, assistants, and other labor, and for the purchase of supplies and equipment required for the purpose of said Act in the city of Washington.

Total for Forest Service, \$5,870,822.

#### BUREAU OF CHEMISTRY.

SALARIES, BUREAU OF CHEMISTRY: One chemist, who shall be chief of bureau, \$5,000; one chief clerk, \$2,500; one administrative assistant, \$2,500; three executive clerks, at \$2,000 each; twelve clerks, class four; fourteen clerks, class three; three clerks, at \$1,440 each; twenty-two clerks, class two; one clerk, \$1,300; seventy-five clerks, class one; one clerk, \$1,100; thirteen clerks, at \$1,020 each; fifteen clerks, at \$1,000 each; one machine operator, \$1,100; two machine operators, at \$1,000 each; one clerk, \$960; ten clerks, at \$900 each; two food and drug inspectors, at \$2,500 each; two food and drug inspectors, at \$2,250 each; one food and drug inspector, \$2,120; fifteen food and drug inspectors, at \$2,000 each; fifteen food and drug inspectors, at \$1,800 each; one food and drug inspector, \$1,620; thirteen food and drug inspectors, at \$1,600 each; two food and drug inspectors, at \$1,400 each; four laboratory helpers, at \$1,200 each; one laboratory helper, \$1,020; five laboratory helpers, at \$1,000 each; four laboratory helpers, at \$960 each; three laboratory helpers, at \$900 each; eight laboratory helpers, at \$840 each; two laboratory helpers, at \$780 each; one laborer, \$780; twenty-six laboratory helpers or laborers, at \$720 each; two laboratory helpers or laborers, at \$660 each; twenty-seven laboratory helpers or laborers, at \$600 each; one laboratory assistant, \$1,200; one toolmaker, \$1,200; four samplers, at \$1,200 each; one janitor, \$1,020; one mechanic, \$1,800; two mechanics, at \$1,400 each; one mechanic, \$1,200; one mechanic, \$1,020; one mechanic, \$1,000; one mechanic, \$960; one mechanic, \$900; two student assistants, at \$300 each; two messengers, at \$840 each; one skilled laborer, \$1,050; one skilled laborer, \$900; one skilled laborer, \$840; one messenger boy, \$720; seven messenger boys, at \$600 each; three messenger boys, at \$540 each; six messenger boys, at \$480 each; three messenger boys, at \$420 each; two messenger boys, at \$360 each; seven laborers, at \$480 each; thirteen charwomen, at \$240 each; in all, \$426,190.

GENERAL EXPENSES, BUREAU OF CHEMISTRY: For all necessary expenses, for chemical apparatus, chemicals and supplies, repairs



to apparatus, gas, electric current, official traveling expenses, telegraph and telephone service, express and freight charges, for the employment of such assistants, clerks, and other persons as the Secretary of Agriculture may consider necessary for the purposes named, in the city of Washington and elsewhere, in conducting investigations; collecting, reporting, and illustrating the results of such investigations; and for rent outside of the District of Columbia, for carrying out the investigations and work herein authorized, as follows:

For conducting the investigations contemplated by the Act of May 15, 1862, relating to the application of chemistry to agriculture; for the biological investigation of food and drug products and substances used in the manufacture thereof, including investigations of the physiological effects of such products on the human organism, \$70,400;

For collaboration with other departments of the Government desiring chemical investigations and whose heads request the Secretary of Agriculture for such assistance, and for other miscellaneous work, \$14,000;

For investigating the handling, grading, packing, canning, freezing, storing and transportation of poultry, eggs, fish, shrimp, oysters, and other shell fish, and for experimental shipments of these products, for the utilization of waste products, and the development of new sources of food, \$52,880;

For investigation and experiment in the utilization, for coloring purposes, of raw materials grown or produced in the United States, in cooperation with such persons, associations, or corporations as may be found necessary, including repairs, alterations, improvements, or additions to a building on the Arlington Experimental Farm, \$68,260;

For the investigation and development of methods for the manufacture of table sirup and of methods for the manufacture of sweet sirups by the utilization of new agricultural sources, \$15,000: *Provided*, That \$7,500 of said amount may be used for investigation and experimenting in production of sirups, sugar, starch, dextrine, and other commercial products from the sweet potato;

For enabling the Secretary of Agriculture to carry into effect the provisions of the Act of June 30, 1906, entitled "An Act for preventing the manufacture, sale, or transportation of adulterated, or misbranded, or poisonous, or deleterious foods, drugs, medicines, and liquors, and for regulating traffic therein, and for other purposes"; to cooperate with associations and scientific societies in the revision of the United States Pharmacopoeia and development of methods of analysis, and for investigating the character of the chemical and physical tests which are applied to American food products in foreign countries, and for inspecting the same before shipment when desired by the shippers or owners of these products intended for countries where chemical and physical tests are required before the said products are allowed to be sold therein, \$579,361: *Provided*, That not more than \$4,280 shall be used for travel outside of the United States;

The Secretary of Agriculture shall, from and after the taking effect of this Act, execute and perform all the powers and duties conferred on the Secretary of the Treasury by the Act approved March 2, 1897 (Twenty-ninth Statutes at Large, page 604), entitled "An Act to

prevent the importation of impure and unwholesome tea," as amended by the Act approved May 16, 1908 (Thirty-fifth Statutes at Large, page 163), entitled "An Act to amend an Act entitled 'An Act to prevent the importation of impure and unwholesome tea,' approved March 2, 1897": *Provided*, That the bonds given to the United States as security in pursuance of section 1, as amended, shall be subject to the approval only of the collector of customs at the port of entry; that in place of the Board of United States General Appraisers provided for by section 6 of the Act, there shall be designated by the Secretary of Agriculture three employees of the Department of Agriculture to serve as the United States Board of Tea Appeals with all the powers and duties conferred by the Act on the Board of United States General Appraisers. There is hereby appropriated, out of any money in the Treasury not otherwise appropriated, the sum of \$40,000 for carrying into effect the provisions of the aforesaid Act until the end of the fiscal year ending June 30, 1921, including payment of compensation and expenses of the members of the board appointed under section 2 of the Act and all other necessary officers and employees;

For investigating the grading, weighing, handling, transportation, and uses of naval stores, the preparation of definite type samples thereof, and for the demonstration of improved methods or processes of preparing naval stores, in cooperation with individuals and companies, including the employment of necessary persons and means in the city of Washington and elsewhere, \$10,000;

For the investigation and development of methods of manufacturing insecticides and fungicides, and for investigating chemical problems relating to the composition, action, and application of insecticides and fungicides, \$25,000;

For the study and improvement of methods of dehydrating materials used for food, in cooperation with such persons, associations, or corporations as may be found necessary, and to disseminate information as to the value and suitability of such products for food, \$23,500;

For the investigation and development of methods of utilizing wool-scouring waste, \$9,000;

In all, for general expenses, \$907,401.

Total for Bureau of Chemistry, \$1,333,591.

#### BUREAU OF SOILS.

**SALARIES, BUREAU OF SOILS:** One soil physicist, who shall be chief of bureau, \$4,000; one chief clerk, \$2,000; one administrative assistant, \$2,100; one executive assistant, \$2,000; four clerks, class four; two clerks, class three; five clerks, class two; one clerk, \$1,260; thirteen clerks, class one; four clerks, at \$1,000 each; two soil cartographers, at \$1,800 each; one draftsman, \$1,600; one soil bibliographer or draftsman, \$1,400; one photographer, \$1,200; eight draftsmen, at \$1,200 each; one laboratory helper, \$1,000; three laboratory helpers, at \$840 each; one machinist, \$1,440; one machinist, \$1,380; one instrument maker, \$1,200; one machinist's helper, \$900; one messenger, \$840; two messenger boys, at \$480 each; one messenger or laborer, \$660; three laborers, at \$600 each; one laborer, \$300; one charwoman or laborer, \$480; in all, \$79,840.

**GENERAL EXPENSES, BUREAU OF SOILS:** For all necessary expenses connected with the investigations and experiments hereinafter authorized, including the employment of investigators, local and special agents, assistants, experts, clerks, draftsmen, and labor in the city of Washington and elsewhere; official traveling expenses, materials, tools, instruments, apparatus, repairs to apparatus, chemicals, furniture, office fixtures, stationery, gas, electric current, telegraph and telephone service, express and freight charges, rent outside the District of Columbia, and for all other necessary supplies and expenses, as follows:

For chemical investigations of soil types, soil composition, and soil minerals, the soil solution, solubility of soil and all chemical properties of soils in their relation to soil formation, soil texture, and soil productivity, including all routine chemical work in connection with the soil survey, \$23,110;

For physical investigations of the important properties of soil which determine productivity, such as moisture relations, aerations, heat conductivity, texture, and other physical investigations of the various soil classes and soil types, \$12,225;

For exploration and investigation within the United States to determine possible sources of supply of potash, nitrates, and other natural fertilizers, \$36,840;

For the investigation of soils, in cooperation with other branches of the Department of Agriculture, other departments of the Government, State agricultural experiment stations, and other State institutions, and for indicating upon maps and plats, by coloring or otherwise, the results of such investigations, \$178,900;

For examination of soils to aid in the classification of agricultural lands in cooperation with other bureaus of the department and other departments of the Government, \$15,000;

For the completion, operation, and maintenance of the Government kelp plant at Summerland, California, \$192,900: *Provided*, That the product obtained from such experimentation may be sold at a price to be determined by the Secretary of Agriculture, and the amount obtained from the sale thereof shall be covered into the Treasury as miscellaneous receipts;

For general administrative expenses connected with the above-mentioned lines of investigation, \$4,000;

In all, for general expenses, \$462,975.

Total for Bureau of Soils, \$542,215.

#### BUREAU OF ENTOMOLOGY.

**SALARIES, BUREAU OF ENTOMOLOGY:** One entomologist, who shall be chief of bureau, \$5,000; one chief clerk and executive assistant, \$2,250; one administrative assistant, \$2,250; one editor, \$2,250; one financial clerk, \$1,800; five clerks, class four; ten clerks, class three; eighteen clerks, class two; twenty-five clerks, class one; six clerks, at \$1,000 each; one insect delineator, \$1,600; two insect delineators, at \$1,400 each; two entomological draftsmen, at \$1,400 each; one entomological draftsman, \$1,080; one photographer, \$1,200; four entomological preparators, at \$1,000 each; four entomological preparators, at \$840 each; eight entomological preparators, at \$720 each; one laborer, \$1,080; two messengers or laborers, at \$900 each; one



messenger or laborer, \$840; three messengers or laborers, at \$720 each; six messenger boys, at \$480 each; two charwomen, at \$480 each; three charwomen, at \$240 each; in all, \$132,790.

**GENERAL EXPENSES, BUREAU OF ENTOMOLOGY:** For the promotion of economic entomology; for investigating the history and the habits of insects injurious and beneficial to agriculture, horticulture, arboriculture, and the study of insects affecting the health of man and domestic animals, and ascertaining the best means of destroying those found to be injurious; for collating, digesting, reporting, and illustrating the results of such investigations; for salaries and the employment of labor in the city of Washington and elsewhere, rent outside of the District of Columbia, freight, express charges, official traveling expenses, office fixtures, supplies, apparatus, telegraph and telephone service, gas, and electric current, in connection with the following investigations:

For investigations of insects affecting deciduous fruits, orchards, vineyards, and nuts, \$178,500, of which \$30,000 shall be immediately available;

For investigations of insects affecting cereal and forage crops, including a special investigation of the Hessian fly and the chinch bug, \$145,660;

For investigations of insects affecting southern field crops, including insects affecting cotton, tobacco, rice, sugar cane, and so forth, and the cigarette beetle and Argentine ant, \$125,000, of which sum \$25,000 shall be immediately available;

For investigations of insects affecting forests, \$40,000;

For investigations of insects affecting truck crops, including insects affecting the potato, sugar beet, cabbage, onion, tomato, beans, peas, and so forth, and insects affecting stored products, \$110,000;

For investigations and demonstrations in bee culture, \$33,800;

For investigations of insects affecting citrus and other tropical and subtropical fruits, including the Mediterranean and other fruit flies and the camphor thrip, \$51,500;

For investigations, identification, and systematic classification of miscellaneous insects, including the study of insects affecting the health of man and domestic animals, household insects, and the importation and exchange of useful insects, \$52,330;

For general administrative expenses connected with above lines of investigation, and for miscellaneous expenses incident thereto, \$3,880;

In all, for general expenses, \$740,670.

**PREVENTING SPREAD OF MOTHS, BUREAU OF ENTOMOLOGY:** To enable the Secretary of Agriculture to meet the emergency caused by the continued spread of the gypsy and brown tail moths by conducting such experiments as may be necessary to determine the best methods of controlling these insects; by introducing and establishing the parasites and natural enemies of these insects and colonizing them within the infested territory; by establishing and maintaining a quarantine against further spread in such manner as is provided by the general nursery-stock law, approved August 20, 1912, as amended, entitled "An Act to regulate the importation of nursery stock and other plants and plant products, to enable the Secretary of Agriculture to establish and maintain quarantine districts for plant diseases and insect pests, to permit and regulate the movements of fruits, plants, and vegetables therefrom, and for other purposes," in cooperation with the authorities

of the different States concerned and with the several State experiment stations, including rent outside of the District of Columbia, the employment of labor in the city of Washington and elsewhere, and all other necessary expenses, \$250,000.

Total for Bureau of Entomology, \$1,123,460.

#### BUREAU OF BIOLOGICAL SURVEY.

**SALARIES, BUREAU OF BIOLOGICAL SURVEY:** One biologist, who shall be chief of bureau, \$4,000; one chief clerk and executive assistant, \$1,800; one administrative assistant, \$2,250; one executive assistant, \$1,800; two clerks, class four; four clerks, class three; one clerk, \$1,500; nine clerks, class two; one clerk, \$1,260; fourteen clerks, class one; two clerks, at \$1,100 each; one clerk, \$1,080; three clerks, at \$1,000 each; two clerks, at \$900 each; one preparator, \$1,200; one preparator, \$900; one messenger, \$720; one photographer, \$1,300; one game warden, \$1,200; two messenger boys, at \$480 each; one laborer, \$600; two charwomen, at \$240 each; in all, \$67,450.

**GENERAL EXPENSES, BUREAU OF BIOLOGICAL SURVEY:** For salaries and employment of labor in the city of Washington and elsewhere, furniture, supplies, traveling, and all other expenses necessary in conducting investigations and carrying out the work of the bureau, as follows:

For the maintenance of the Montana National Bison range and other reservations and for the maintenance of game introduced into suitable localities on public lands, under supervision of the Biological Survey, including construction of fencing, wardens' quarters, shelters for animals, landings, roads, trails, bridges, ditches, telephone lines, rockwork, bulkheads, and other improvements necessary for the economical administration and protection of the reservations, and for the enforcement of section 84 of the Act approved March 4, 1909, entitled "An Act to codify, revise, and amend the penal laws of the United States," \$39,735, of which sum \$2,500 may be used for the purchase, capture, and transportation of game for national reservations;

For the improvement and maintenance of the game preserve in Sullys Hill National Park, in the State of North Dakota, including the construction of all fences, sheds, buildings, corrals, roads, shelters, and other structures which may be necessary for the protection of game or for the use of visitors, in addition to the amount heretofore appropriated, \$5,000, the same to be available until expended;

For investigating the food habits of North American birds and other animals in relation to agriculture, horticulture, and forestry; for investigations, experiments, and demonstrations in connection with rearing fur-bearing animals; for experiments, demonstrations, and cooperation in destroying wolves, coyotes, prairie dogs, gophers, ground squirrels, and other animals injurious to agriculture, horticulture, forestry, animal husbandry, and wild game; and for the protection of stock and other domestic animals through the suppression of rabies in predatory wild animals, \$456,040;

For biological investigations, including the relations, habits, geographic distribution, and migrations of animals and plants, and the preparation of maps of the life zones, \$24,400;

For all necessary expenses for enforcing the provisions of the migratory-bird treaty Act of July 3, 1918 (Fortieth Statutes at Large, page 755), and for cooperation with local authorities in the protection of migratory birds, and for necessary investigations connected therewith, \$142,500: *Provided*, That of this sum not more than \$20,500 may be used for the enforcement of sections 241, 242, 243, and 244 of the Act approved March 4, 1909, entitled "An Act to codify, revise, and amend the penal laws of the United States," and for the enforcement of section 1 of the Act approved May 25, 1900, entitled "An Act to enlarge the powers of the Department of Agriculture, prohibit the transportation by interstate commerce of game killed in violation of local laws, and for other purposes," including all necessary investigations in connection therewith;

For investigations, experiments and demonstrations for the welfare, improvement, and increase of the reindeer industry in Alaska, including the erection of necessary buildings and other structures and cooperation with the Bureau of Education, and for the enforcement of section 1956 of the Revised Statutes as amended so far as it relates to the protection of land fur-bearing animals in Alaska, including necessary investigations in connection therewith, \$40,000; and hereafter the powers and duties heretofore conferred upon the Secretary of Commerce by existing law, proclamations, or Executive orders with respect to any mink, marten, beaver, land otter, muskrat, fox, wolf, wolverine, weasel, or other land fur-bearing animals in Alaska, and with respect to the leasing of certain islands in Alaska for the propagation of fur-bearing animals, are hereby conferred upon, and shall be exercised by, the Secretary of Agriculture, and the powers and duties conferred upon the Secretary of Agriculture by existing law, with respect to walrus and sea lions, are hereby conferred upon, and shall be exercised by, the Secretary of Commerce: *Provided*, That nothing in this Act shall affect the powers and duties conferred upon the Secretary of Commerce by existing law, proclamations, or Executive orders with respect to fur seals and sea otters, and jurisdiction over the Pribiloff Islands and the fur-bearing animals thereon; and hereafter the wardens and other officers heretofore or hereafter appointed by the Secretary of Agriculture for the protection of bird reservations in Alaska under control of the Department of Agriculture, or for the protection of fur-bearing animals in Alaska, shall have and exercise like authority and powers in the performance of their respective duties as are conferred upon game wardens by the Alaska game law of May 11, 1908 (Thirty-fifth Statutes at Large, page 102), and by existing law upon officers and agents of the Department of Commerce employed in the salmon fisheries and fur-seal and sea-otter services in Alaska;

For general administrative expenses connected with the above-mentioned lines of work, including cooperation with other Federal bureaus, departments, boards, and commissions, on request from them, \$10,760;

In all, for general expenses, \$718,435.

Total for Bureau of Biological Survey, \$785,885.

#### DIVISION OF ACCOUNTS AND DISBURSEMENTS.

SALARIES, DIVISION OF ACCOUNTS AND DISBURSEMENTS: One chief of division and disbursing clerk, \$4,000; one supervising auditor,



\$2,250; one cashier and chief clerk, \$2,250; one deputy disbursing clerk, \$2,000; one accountant and bookkeeper, \$2,000; two clerks, class four; four clerks, class three; six clerks, class two; thirteen clerks, class one; two clerks, at \$1,000 each; one messenger, \$720; one messenger boy, \$600.

Total for Division of Accounts and Disbursements, \$49,820.

#### DIVISION OF PUBLICATIONS.

**SALARIES, DIVISION OF PUBLICATIONS:** One chief of division, \$3,500; one chief editor, \$3,000; one assistant chief of division, \$2,500; one assistant in charge of exhibits, \$3,000; one assistant in charge of information, \$3,000; one assistant in charge of motion-picture activities, \$3,000; one superintendent of distribution, \$2,500; one assistant in charge of indexing, \$2,000; one chief clerk, \$2,000; one assistant in exhibits, \$2,000; two assistants, at \$2,000 each; one assistant editor, \$2,000; three assistant editors, at \$1,800 each; one assistant editor, \$1,600; two assistants, at \$1,400 each; one indexer or compiler, \$1,800; one indexer, \$1,400; one assistant in charge of illustrations, \$2,100; one artist and designer, \$2,500; three draftsmen or photographers, at \$1,600 each; two draftsmen or photographers, at \$1,500 each; two draftsmen or photographers, at \$1,400 each; one draftsman or photographer, \$1,300; ten draftsmen or photographers, at \$1,200 each; one assistant photographer, \$960; one lantern-slide colorist, \$1,200; one laboratory aid, \$900; one assistant in charge of document section, \$2,000; one assistant in document section, \$1,800; one foreman, miscellaneous distribution, \$1,500; one clerk, class four; one clerk, class three; seven clerks, class two; eighteen clerks, class one; eighteen clerks, at \$1,100 each; forty clerks, at \$960 each; twelve clerks, at \$900 each; five machine operators, at \$1,200 each; one chief folder, \$1,200; three messengers or laborers, at \$900 each; ten messengers or laborers, at \$840 each; four messengers or laborers, at \$780 each; ten messengers or laborers, at \$720 each; three messengers or laborers, at \$600 each; one folder, \$1,200; two folders, at \$1,000 each; eight skilled laborers, at \$1,100 each; nine messenger boys, at \$720 each; six messenger boys, at \$600 each; two messenger boys, at \$480 each; three charwomen, at \$480 each; four charwomen, at \$240 each; in all, \$242,020.

**GENERAL EXPENSES, DIVISION OF PUBLICATIONS:** For miscellaneous objects of expenditure in connection with the publication, indexing, illustration, and distribution of bulletins, documents, and reports, as follows:

For labor-saving machinery, including necessary supplies, \$6,000;

For envelopes, stationery, and materials, \$9,000;

For office furniture and fixtures, \$1,320;

For photographic equipment and for photographic materials and artists' tools and supplies, \$22,000: *Provided*, That hereafter the Secretary of Agriculture is authorized, under such rules and regulations and subject to such conditions as he may prescribe, to loan, rent, or sell copies of films: *Provided*, That in the sale or rental of films educational institutions or associations for agricultural education not organized for profit shall have preference; all moneys received from such rentals or sales to be covered into the Treasury of the United States as miscellaneous receipts;

For telephone and telegraph service and freight and express charges, \$900;

For wagons, motor trucks, bicycles, horses, harness, and maintenance of the same, \$1,000;

For purchase of manuscripts, traveling expenses, electrotypes, illustrations, and other expenses not otherwise provided for, \$4,350;

To enable the Secretary of Agriculture to make suitable agricultural exhibits at State, interstate, and international fairs held within the United States, in cooperation with other departments of the Government; for the purchase of necessary supplies and equipment; for telephone and telegraph service, freight and express charges; for travel, and for every other expense necessary, including the employment of assistance and the payment of rent outside the city of Washington, \$70,000;

For extra labor and emergency employments in the District of Columbia, \$17,500;

In all, for general expenses, \$132,070.

Total for Division of Publications, \$374,090.

#### BUREAU OF CROP ESTIMATES.

**SALARIES, BUREAU OF CROP ESTIMATES:** One statistician, who shall be chief of bureau, \$4,000; one chief clerk, \$1,800; six clerks, class four; nine clerks, class three; fifteen clerks, class two; one clerk, \$1,300; forty clerks, class one; nine clerks, at \$1,000 each; fifteen clerks, at \$900 each; one messenger, \$900; three messengers or laborers, at \$720 each; three messenger boys, at \$660 each; one messenger boy, \$600; one charwoman, \$540; one charwoman, \$360; one charwoman, \$240; in all, \$130,580.

**GENERAL EXPENSES, BUREAU OF CROP ESTIMATES:** For all necessary expenses, in cooperation with the States Relations Service and other Federal, State and local agencies, for collecting, compiling, abstracting, analyzing, summarizing, and interpreting data relating to agriculture; for making and publishing periodically crop and livestock estimates, including acreage, yield, and value of farm products, as follows:

Salaries and employment of labor in the city of Washington and elsewhere, supplies, telegraph and telephone service, freight and express charges, and all other necessary miscellaneous administrative expenses, \$20,000;

Salaries, travel, and other necessary expenses of employees out of the city of Washington engaged in field investigations, \$168,076;

In all, for general expenses, \$188,076.

Total for Bureau of Crop Estimates, \$318,656.

#### LIBRARY, DEPARTMENT OF AGRICULTURE.

**SALARIES, LIBRARY, DEPARTMENT OF AGRICULTURE:** One librarian, \$2,000; one clerk, class three; two clerks, class two; six clerks, class one; three clerks, at \$1,080 each; three clerks, at \$1,020 each; four clerks, at \$1,000 each; four clerks, at \$900 each; one clerk, \$840; one messenger, \$720; one messenger boy, \$660; three messenger boys, at \$600 each; two charwomen, at \$480 each; in all, \$32,880.

**GENERAL EXPENSES, LIBRARY:** For books of reference, law books, technical and scientific books, papers and periodicals, and for ex-

penses incurred in completing imperfect series; for the employment of additional assistants in the city of Washington and elsewhere; for official traveling expenses, and for library fixtures, library cards, supplies, and for all other necessary expenses, \$22,000.

Total for Library, \$54,480.

#### MISCELLANEOUS EXPENSES.

MISCELLANEOUS EXPENSES, DEPARTMENT OF AGRICULTURE: For stationery, blank books, twine, paper, gum, dry goods, soap, brushes, brooms, mats, oils, paints, glass, lumber, hardware, ice, fuel, water and gas pipes, heating apparatus, furniture, carpets, and mattings; for lights, freight, express charges, advertising, telegraphing, telephoning, postage, washing towels, and necessary repairs and improvements to buildings and heating apparatus; for the purchase, subsistence, and care of horses and the purchase and repair of harness and vehicles, for official purposes only; for the payment of duties on imported articles, and the Department of Agriculture's proportionate share of the expense of the dispatch agent in New York; for official traveling expenses; and for other miscellaneous supplies and expenses not otherwise provided for, and necessary for the practical and efficient work of the department, \$136,000.

#### RENT IN THE DISTRICT OF COLUMBIA.

RENT OF BUILDINGS, DEPARTMENT OF AGRICULTURE: For rent of buildings and parts of buildings in the District of Columbia, for use of the various bureaus, divisions, and offices of the Department of Agriculture, \$164,666: *Provided*, That only such part of this sum shall be available to pay rent for space which can not be furnished by the Public Buildings Commission in Government buildings located in the District of Columbia.

#### STATES RELATIONS SERVICE.

SALARIES, STATES RELATIONS SERVICE: One director, \$4,500; one chief clerk, \$2,000; one clerk or chief accountant, \$2,400; one financial clerk, \$2,000; one clerk, \$1,980; one clerk or proof reader, \$1,800; five clerks, class four; one executive clerk, \$1,740; eleven clerks, class three; two clerks, at \$1,500 each; seventeen clerks, class two; two clerks, at \$1,320 each; one clerk, \$1,260; fifty-two clerks, class one; one clerk or artist-draftsman, \$1,200; one clerk or machine operator, \$1,200; twenty-seven clerks, at \$1,100 each; thirty-nine clerks, at \$1,000 each; six clerks, at \$900 each; two messengers or laborers, at \$840 each; five messengers or laborers, at \$720 each; two messengers or laborers, at \$600 each; one messenger or laborer, \$480; four messenger boys, at \$600 each; thirteen messenger boys, at \$480 each; one skilled laborer, \$900; four charwomen, at \$480 each; sixteen charwomen, at \$240 each; in all, \$234,880.

GENERAL EXPENSES, STATES RELATIONS SERVICE: To carry into effect the provisions of an Act approved March 2, 1887, entitled "An Act to establish agricultural experiment stations in connection with the colleges established in the several States under the provisions of an Act approved July 2, 1862, and of the Acts supplementary thereto,"



the sums apportioned to the several States and Territories, to be paid quarterly in advance, \$720,000 ;

To carry into effect the provisions of an Act approved March 16, 1906, entitled "An Act to provide for an increased annual appropriation for agricultural experiment stations and regulating the expenditure thereof," the sums apportioned to the several States and Territories, to be paid quarterly in advance, \$720,000: *Provided*, That not to exceed \$15,000 shall be paid to each State and Territory under this Act;

To enable the Secretary of Agriculture to enforce the provisions of the above Acts and the Act approved May 8, 1914, entitled "An Act to provide for cooperative agricultural extension work between the agricultural colleges in the several States receiving the benefits of an Act of Congress approved July 2, 1862, and of Acts supplementary thereto, and the United States Department of Agriculture," relative to their administration and for the administration of agricultural experiment stations in Alaska, Hawaii, Porto Rico, the island of Guam, and the Virgin Islands of the United States, including the employment of clerks, assistants, and other persons in the city of Washington and elsewhere, freight and express charges, official traveling expenses, office fixtures, supplies, apparatus, telegraph and telephone service, gas, electric current, and rent outside of the District of Columbia, \$61,500; and the Secretary of Agriculture shall prescribe the form of the annual financial statement required under the above Acts, ascertain whether the expenditures are in accordance with their provisions, coordinate the work of the Department of Agriculture with that of the State agricultural colleges and experiment stations in the lines authorized in said Acts, and make report thereon to Congress;

For farmers' cooperative demonstration work outside of the cotton belt, including the employment of labor in the city of Washington and elsewhere, supplies, and all other necessary expenses, \$715,720;

For farmers' cooperative demonstrations and for the study and demonstration of the best methods of meeting the ravages of the cotton-boll weevil, including the employment of labor in the city of Washington and elsewhere, supplies, and all other necessary expenses, \$634,800: *Provided*, That the expense of such service shall be defrayed from this appropriation and such cooperative funds as may be voluntarily contributed by State, county, and municipal agencies, associations of farmers, and individual farmers, universities, colleges, boards of trade, chambers of commerce, other local associations of business men, business organizations, and individuals within the State;

For cooperative agricultural extension work, to be allotted, paid and expended in the same manner, upon the same terms and conditions, and under the same supervision as the additional appropriations made by the Act of May 8, 1914 (Thirty-eighth Statutes at Large, page 372), entitled "An Act to provide for cooperative agricultural extension work between the agricultural colleges in the several States receiving the benefits of an Act of Congress approved July 2, 1862, and of Acts supplementary thereto, and the United States Department of Agriculture," \$1,500,000; and all sums appropriated by this Act for use for demonstration or extension work within any State shall be used and expended in accordance with plans mutually agreed upon by the Secretary of Agriculture and the proper officials

of the college in such State which receives the benefits of said Act of May 8, 1914: *Provided*, That of the above appropriation not more than \$300,000 shall be expended for purposes other than the salaries of county agents;

To enable the Secretary of Agriculture to investigate and report upon the organization and progress of farmers' institutes and agricultural schools in the several States and Territories, and upon similar organizations in foreign countries, with special suggestions of plans and methods for making such organizations more effective for the dissemination of the results of the work of the Department of Agriculture and the agricultural experiment stations, and of improved methods of agricultural practice, including the employment of labor in the city of Washington and elsewhere, and all other necessary expenses, \$16,360;

To enable the Secretary of Agriculture to establish and maintain agricultural experiment stations in Alaska, Hawaii, Porto Rico, the island of Guam, and the Virgin Islands of the United States, including the erection of buildings, the preparation, illustration, and distribution of reports and bulletins, and all other necessary expenses, \$210,000, as follows: Alaska, \$75,000, of which \$11,800, or so much thereof as may be necessary, shall be immediately available for the erection of buildings, purchase of breeding live stock, and other expenses connected with the stock-breeding experiments on the island of Kodiak and at the Matanuska station; Hawaii, \$50,000; Porto Rico, \$50,000; Guam, \$15,000; and the Virgin Islands of the United States, \$20,000; and the Secretary of Agriculture is authorized to sell such products as are obtained on the land belonging to the agricultural experiment stations in Alaska, Hawaii, Porto Rico, the island of Guam, and the Virgin Islands of the United States, and the amount obtained from the sale thereof shall be covered into the Treasury of the United States as miscellaneous receipts: *Provided*, That of the sum herein appropriated for the experiment station in Hawaii \$10,000 may be used in agricultural extension work in Hawaii;

To enable the Secretary of Agriculture to investigate the relative utility and economy of agricultural products for food, clothing, and other uses in the home, with special suggestions of plans and methods for the more effective utilization of such products for these purposes, with the cooperation of other bureaus of the department, and to disseminate useful information on this subject, including the employment of labor in the city of Washington and elsewhere, supplies, and all other necessary expenses, \$44,300;

For general administrative expenses connected with the lines of work of the States Relations Service, including the offices of the director, the chief clerk, the officers in charge of publications, library, accounts, records, supplies, and property, and for miscellaneous expenses incident thereto, \$12,600;

In all, for general expenses, \$4,635,280.

Total for States Relations Service, \$4,870,160.

#### BUREAU OF PUBLIC ROADS.

SALARIES, BUREAU OF PUBLIC ROADS: One chief of bureau, \$6,000; one draftsman or clerk, \$1,920; one clerk, \$1,900; one instrument maker, \$1,800; one model maker, \$1,800; four clerks, class four;

seven clerks, class three: one clerk or editorial clerk, \$1,600; three clerks, at \$1,500 each; one clerk or photographer, \$1,440; one clerk or instrument maker, \$1,440; one clerk or tabulator, \$1,440; one clerk, class two: two clerks, at \$1,380 each; two clerks, at \$1,320 each; four clerks, at \$1,260 each; seven clerks, class one; one clerk or editorial clerk, \$1,200; one draftsman, \$1,320; one clerk or draftsman, \$1,200; one clerk or draftsman, \$900; one clerk or photographer, \$1,200; one clerk or photographer, \$1,000; two clerks, at \$1,140 each; one clerk, \$1,100; two clerks, at \$1,080 each; one clerk, \$1,020; nine clerks, at \$1,000 each; one clerk or skilled laborer, \$1,000; two clerks, at \$900 each; one mechanic, \$1,680; one clerk or instrument maker, \$1,200; one lantern-slide colorist, \$1,320; one mechanic, \$2,100; one mechanic, \$1,500; one mechanic, \$1,200; one skilled laborer, \$1,200; one skilled laborer or mechanic, \$840; one laboratory aid, \$960; one telephone operator, \$720; two laborers, at \$900 each; two messengers or laborers, at \$840 each; two messengers, laborers, or laboratory helpers, at \$720 each; two messengers or laborers, at \$660 each; four messengers or laborers, at \$600 each; three messenger boys, at \$600 each; one fireman, \$720; eight messenger boys, at \$480 each; eight charwomen, at \$240 each; in all, \$117,300.

**GENERAL EXPENSES, BUREAU OF PUBLIC ROADS:** For salaries and the employment of labor in the city of Washington and elsewhere, supplies, office fixtures, apparatus, traveling and all other necessary expenses, for conducting investigations and experiments, and for collating, reporting, and illustrating the results of same, and for preparing, publishing, and distributing bulletins and reports, as follows: *Provided*, That no part of these appropriations shall be expended for the rent or purchase of road-making machinery, except such as may be necessary for field experimental work as hereinafter provided for:

For inquiries in regard to systems of road management throughout the United States and for giving expert advice on this subject, \$36,200;

For investigations of the best methods of road making, especially ordinary sand-clay and dirt roads, and the best kinds of road-making materials, and for furnishing expert advice on road building and maintenance, \$102,300;

For investigations of the chemical and physical character of road materials, for conducting laboratory and field experiments, and for studies and investigations in road design, independently or in cooperation with State highway departments and other agencies, \$77,020;

For conducting field experiments and various methods of road construction and maintenance, and investigations concerning various road materials and preparations; for investigating and developing equipment intended for the preparation and application of bituminous and other binders; for the purchase of materials and equipment; for the employment of assistants and labor, \$25,000;

For investigating and reporting upon the utilization of water in farm irrigation, including the best methods to apply in practice; the different kinds of power and appliances, and the development of equipment for farm irrigation; the flow of water in ditches, pipes, and other conduits; the duty, apportionment, and measurement of irrigation water; the customs, regulations, and laws affecting irrigation; for the purchase and installation of equipment for experi-



mental purposes; for the giving of expert advice and assistance; for the preparation and illustration of reports and bulletins on irrigation; for the employment of assistants and labor in the city of Washington and elsewhere; for rent outside of the District of Columbia; and for supplies and all necessary expenses, \$62,440;

For investigating and reporting upon farm drainage and upon the drainage of swamp and other wet lands which may be made available for agricultural purposes; for preparing plans for the removal of surplus water by drainage, and for giving expert assistance by advice or otherwise in the drainage of such lands; for conducting field experiments and investigations concerning the construction and maintenance of farm-drainage work; for investigating and developing equipment intended for the construction and maintenance of farm drainage structures; for the purchase of materials and equipment; and for preparing and illustrating reports and bulletins on drainage; and for the employment of assistants and labor in the city of Washington and elsewhere; for rent outside of the District of Columbia, and for supplies and all necessary expenses, \$53,760;

For investigating farm domestic water supply and drainage disposal, the construction of farm buildings, and other rural engineering problems involving mechanical principles, including the erection of such structures outside of the District of Columbia as may be necessary for experimental purposes only, the employment of labor in the city of Washington and elsewhere, supplies, and all other necessary expenses, \$25,000;

For general administrative expenses connected with the above-mentioned lines of investigations and experiments, \$16,000;

In all, for general expenses, \$447,720.

Total for Bureau of Public Roads, \$515,020.

#### BUREAU OF MARKETS.

**SALARIES, BUREAU OF MARKETS:** One chief of bureau, \$5,000; one chief clerk, \$2,000; one administrative assistant, \$3,000; one administrative assistant, \$2,500; one clerk in charge of supplies and accounts, \$2,250; three executive clerks, at \$2,000 each; two clerks, at \$2,000 each; one executive assistant, \$1,980; one administrative assistant, \$1,980; eleven clerks, class four; one clerk, \$1,740; fifteen clerks, class three; one clerk, \$1,500; one clerk, \$1,440; thirty-five clerks, class two; one clerk, \$1,380; five clerks, at \$1,320 each; one clerk, \$1,300; one hundred seventy-three clerks, class one; one clerk, \$1,140; sixty-five clerks, at \$1,100 each; ninety-five clerks, at \$1,000 each; thirteen clerks, at \$1,080 each; seven clerks, at \$1,020 each; one photographer, \$1,400; one photographer, \$1,200; one superintendent of telegraph, \$2,000; one supervising telegrapher, \$1,620; five telegraph operators, at \$1,600 each; forty-seven telegraph operators, at \$1,400 each; one telegraph operator, \$1,320; seven telegraph operators, at \$1,200 each; one telegraph operator, \$1,080; two telephone operators, at \$900 each; one telephone operator, \$840; one draftsman, \$1,400; three draftsmen, at \$1,200 each; one draftsman, \$1,000; one draftsman, \$900; one map tracer, \$900; one map tracer, \$720; two machine operators, at \$1,400 each; four machine operators, at \$1,200 each; two machine operators, at \$1,100

each; eleven machine operators, at \$1,000 each; two machine operators, at \$900 each; three chauffeurs, at \$900 each; three skilled laborers, at \$900 each; three laborers, at \$840 each; six laborers, at \$720 each; four laborers, at \$660 each; five laborers, at \$600 each; two laborers, at \$540 each; three messengers, at \$900 each; two messengers, at \$720 each; ten messenger boys, at \$600 each; fifteen messenger boys, at \$540 each; twenty messenger boys, at \$480 each; one charwoman, \$540; six charwomen, at \$480 each; six charwomen, at \$300 each; nine charwomen, at \$240 each; in all, \$710,650.

GENERAL EXPENSES, BUREAU OF MARKETS: For salaries and the employment of labor in the city of Washington and elsewhere, furniture, supplies, traveling expenses, rent outside of the District of Columbia, and all other expenses necessary in conducting investigations, experiments, and demonstrations, as follows:

For acquiring and diffusing among the people of the United States useful information on subjects connected with the marketing and distributing of farm and nonmanufactured food products and the purchasing of farm supplies, independently and in cooperation with other branches of the department, State agencies, purchasing and consuming organizations, and persons engaged in the transportation, marketing, and distributing of farm and food products, \$300,000: *Provided*. That not less than \$20,000 shall be used for a study of the methods of prevention of losses by deterioration, decay, and freezing of fruits and vegetables in storage and in transit in refrigerator cars, heater cars, and ocean vessels, including demonstrations of such methods;

To enable the Secretary of Agriculture to gather from stockmen, live-stock associations, State live-stock and agricultural boards, common carriers, stockyards, commission firms, live-stock exchanges, slaughtering and meat-packing companies, and others information relative to the number of different classes and grades of marketable live stock, especially cattle, hogs, and sheep in the principal live-stock feeding districts and growing sections; prices, receipts, and shipments of the different classes and grades of cattle, hogs, and sheep at live-stock market centers; prices of meats, fish, and meat and fish food products and the amounts of such products in storage; to compile and publish such information at such frequent intervals as most effectively to guide producers, consumers, and distributors in the sale and purchase of live stock, meats, fish, and other animal products; and to gather and publish any related information pertaining to marketing and distribution of live stock, meats, fish, and animal by-products, the sum of \$89,320;

For collecting and distributing, by telegraph, mail, and otherwise, timely information on the market supply, demand, commercial movement, location, disposition, quality, and market prices of fruits, vegetables, peanuts and their products, dairy and poultry products, grain, hay, feeds, and seeds, \$314,600;

To make investigation relating to the transportation, storage, preparation, marketing, and distribution of agricultural food products, including the extent, manner, and methods of any manipulation of the markets or control of the visible supply of such food products, or any of them, by any individuals, groups, associations, combinations, or corporations, \$45,620;

For enabling the Secretary of Agriculture to investigate and certify to shippers and other interested parties the quality and condition of

fruits, vegetables, poultry, butter, hay, and other perishable farm products, when received in interstate commerce at such important central markets as the Secretary of Agriculture may from time to time designate, under such rules and regulations as he may prescribe, including payment of such fees as will be reasonable and as nearly as may be to cover the cost for the service rendered: *Provided*, That certificates issued by the authorized agents of the department shall be received in all courts of the United States as prima facie evidence of the truth of the statements therein contained, \$141,700;

For investigating, demonstrating, and promoting the use of standards for the different grades, qualities, and conditions of cotton, and for investigating the ginning, grading, stapling, baling, marking, compressing, and tare of cotton, \$40,000: *Provided*, That of the sum thus appropriated \$25,860 may be used for testing the waste, tensile strength, and bleaching qualities of the different grades and classes of cotton in order to determine their spinning value and for demonstrating the results of such tests;

To enable the Secretary of Agriculture to cooperate with the several States in the employment of agents to acquire and diffuse useful information connected with the distribution and marketing of farm products through investigational, demonstrational, or extension methods, \$70,000;

For investigating the handling, grading, and transportation of grain, including the grain sorghums, for the purpose of fixing definite grades thereof, \$71,150;

To enable the Secretary of Agriculture to carry into effect the Act entitled "An Act to fix standards for Climax baskets for grapes and other fruits and vegetables, and to fix standards for baskets and other containers for small fruits, berries, and vegetables, and for other purposes," approved August 31, 1916, including the employment of such persons and means as the Secretary of Agriculture may deem necessary, in the city of Washington and elsewhere, \$3,800;

For general administrative expenses in connection with the lines of investigation, experiment, and demonstration conducted in the Bureau of Markets, \$20,635;

In all, for general expenses, \$1,096,825.

**ENFORCEMENT OF THE UNITED STATES COTTON-FUTURES ACT:** To enable the Secretary of Agriculture to carry into effect the provisions of the United States Cotton-Futures Act, as amended March 4, 1919, including all expenses necessary for the purchase of equipment and supplies; for travel; for the employment of persons in the city of Washington, and elsewhere; and for all other expenses, including rent outside of the District of Columbia, that may be necessary in executing the provisions of this Act, \$142,611: *Provided*, That the amendments relating to cotton provided for in section 6 of the Act known as the wheat guarantee Act, approved March 4, 1919, are hereby recognized and declared to be permanent legislation.

That hereafter each lot of cotton classified as tenderable in whole or in part on a section 5 contract of said Act as amended, shall give to the buyer the right to demand that one-half of the contract shall be delivered in the official cotton standard grades of the United States from the grades of middling fair, strict good middling, good middling, strict middling, and middling, and that the seller shall have the option of delivering the other half of said contract from any of the official cotton standard grades as established in said Act.



**ENFORCEMENT OF THE UNITED STATES GRAIN-STANDARDS ACT:** To enable the Secretary of Agriculture to carry into effect the provisions of the United States Grain-Standards Act, including rent outside of the District of Columbia and the employment of such persons and means as the Secretary of Agriculture may deem necessary, in the city of Washington and elsewhere, \$538,623.

**ADMINISTRATION OF THE UNITED STATES WAREHOUSE ACT:** To enable the Secretary of Agriculture to carry into effect the provisions of the United States Warehouse Act, including the payment of such rent outside of the District of Columbia and the employment of such persons and means as the Secretary of Agriculture may deem necessary, in the city of Washington and elsewhere, \$35,000.

**COMPLETION OF WOOL WORK:** To enable the Bureau of Markets to complete the work of the Domestic Wool Section of the War Industries Board and to enforce the Government regulations for handling the wool clip of 1918 as established by the Wool Division of said board, pursuant to the Executive order dated December 31, 1918, transferring such work to the said bureau, \$15,000.

Total for Bureau of Markets, \$2,538,709.

#### ENFORCEMENT OF THE INSECTICIDE ACT.

**SALARIES, ENFORCEMENT OF THE INSECTICIDE ACT:** One executive officer, \$2,750; one executive assistant, \$2,000; one clerk, class three; one clerk, class two; four clerks, class one; two clerks, at \$1,140 each; two clerks, at \$1,000 each; three insecticide and fungicide inspectors, at \$1,600 each; two clerks and sample collectors, at \$1,000 each; one sample and storeroom custodian, \$1,200; one laboratory helper, \$840; one laboratory helper, \$720; one laboratory helper, \$600; one unskilled laborer, \$600; one unskilled laborer, \$480; two messenger boys, at \$480 each; one messenger boy, \$360; two charwomen, at \$480 each; in all, \$30,350.

**GENERAL EXPENSES, ENFORCEMENT OF THE INSECTICIDE ACT:** For salaries and the employment of labor in the city of Washington and elsewhere, furniture, supplies, traveling expenses, rent outside of the District of Columbia, and for all necessary expenses, as follows:

To enable the Secretary of Agriculture to carry into effect the provisions of the Act of April 26, 1910, entitled "An Act for preventing the manufacture, sale, or transportation of adulterated or misbranded Paris greens, lead arsenates, other insecticides, and also fungicides, and for regulating traffic therein, and for other purposes," \$117,000.

Total for enforcement of the Insecticide Act, \$147,350.

#### FEDERAL HORTICULTURAL BOARD.

**SALARIES, FEDERAL HORTICULTURAL BOARD:** One secretary of board, \$2,280; one executive clerk, \$2,000; one executive clerk, \$2,000; one clerk, \$1,980; one clerk, class four; one clerk, class three; one clerk, \$1,560; three clerks, at \$1,440 each; two clerks, class two; two clerks, at \$1,260 each; seven clerks, class one; one messenger boy, \$600; one messenger boy, \$480; two messenger boys, at \$360 each; one charwoman, \$240; in all, \$33,300.

**GENERAL EXPENSES, FEDERAL HORTICULTURAL BOARD:** For salaries and the employment of labor in the city of Washington and else-

where, furniture, supplies, traveling expenses, rent outside of the District of Columbia, and for all other necessary expenses, as follows:

To enable the Secretary of Agriculture to carry into effect the provisions of the Act of August 20, 1912, as amended, entitled "An Act to regulate the importation of nursery stock and other plants and plant products; to enable the Secretary of Agriculture to establish and maintain quarantine districts for plant diseases and insect pests; to permit and regulate the movement of fruits, plants, and vegetables therefrom, and for other purposes," \$125,450;

To enable the Secretary of Agriculture to meet the emergency caused by the establishment of the potato wart in eastern Pennsylvania, and to provide means for the extermination of this disease in Pennsylvania or elsewhere in the United States in cooperation with the State or States concerned, including rent outside the District of Columbia, employment of labor in the city of Washington or elsewhere, and all other necessary expenses, \$35,300;

In all, for general expenses, \$160,750.

That the Plant Quarantine Act, approved August 20, 1912 (Thirty-seventh Statutes, page 315), be, and is hereby, amended by adding at the end thereof the following section:

"SEC. 15. That in order further to control and eradicate and to prevent the dissemination of dangerous plant diseases and insect infections and infestations no plant or plant products for or capable of propagation, including nursery stock, hereinafter referred to as plants and plant products, shall be moved or allowed to be moved, shipped, transported, or carried by any means whatever into or out of the District of Columbia, except in compliance with such rules and regulations as shall be prescribed by the Secretary of Agriculture as hereinafter provided. Whenever the Secretary of Agriculture, after investigation, shall determine that any plants and plant products in the District of Columbia are infested or infected with insect pests and diseases and that any place, articles, and substances used or connected therewith are so infested or infected, written notice thereof shall be given by him to the owner or person in possession or control thereof, and such owner or person shall forthwith control or eradicate and prevent the dissemination of such insect pest or disease and shall remove, cut, or destroy such infested and infected plants, plant products, and articles and substances used or connected therewith, which are hereby declared to be nuisances, within the time and in the manner required in said notice or by the rules and regulations of the Secretary of Agriculture. Whenever such owner or person can not be found, or shall fail, neglect, or refuse to comply with the foregoing provisions of this section, the Secretary of Agriculture is hereby authorized and required to control and eradicate and prevent dissemination of such insect pest or disease and to remove, cut, or destroy infested or infected plants and plant products and articles and substances used or connected therewith, and the United States shall have an action of debt against such owner or persons for expenses incurred by the Secretary of Agriculture in that behalf. Employees of the Federal Horticultural Board are hereby authorized and required to inspect places, plants, and plant products and articles and substances used or connected therewith whenever the Secretary of Agriculture shall determine that such inspections are necessary for the purposes of this section. For the purpose of carrying out the provisions and

requirements of this section and of the rules and regulations of the Secretary of Agriculture made hereunder, and the notices given pursuant thereto, employees of the Federal Horticultural Board shall have power with a warrant to enter into or upon any place and open any bundle, package, or other container of plants or plant products whenever they shall have cause to believe that infections or infestations of plant pests and diseases exist therein or thereon, and when such infections or infestations are found to exist, after notice by the Secretary of Agriculture to the owner or person in possession or control thereof and an opportunity by said owner or person to be heard, to destroy the infected or infested plants or plant products contained therein. The police court or the municipal court of the District of Columbia shall have power, upon information supported by oath or affirmation showing probable cause for believing that there exists in any place, bundle, package, or other container in the District of Columbia any plant or plant product which is infected or infested with plant pests or disease, to issue warrants for the search for and seizure of all such plants and plant products. It shall be the duty of the Secretary of Agriculture, and he is hereby required, from time to time, to make and promulgate such rules and regulations as shall be necessary to carry out the purposes of this section, and any person who shall move or allow to be moved, or shall ship, transport, or carry, by any means whatever, any plant or plant products from or into the District of Columbia, except in compliance with the rules and regulations prescribed under this section, shall be punished, as is provided in section 10 of this Act."

Total for Federal Horticultural Board, \$194,050.

And not to exceed 10 per centum of the foregoing amounts for the miscellaneous expenses of the work of any bureau, division, or office herein provided for shall be available interchangeably for expenditures on the objects included within the general expenses of such bureau, division, or office, but no more than 10 per centum shall be added to any one item of appropriation except in cases of extraordinary emergency, and then only upon the written order of the Secretary of Agriculture.

#### MISCELLANEOUS.

**DEMONSTRATIONS ON RECLAMATION PROJECTS:** To enable the Secretary of Agriculture to encourage and aid in the agricultural development of the Government reclamation projects; to assist, through demonstrations, advice, and in other ways, settlers on the projects; and for the employment of persons and means necessary in the city of Washington and elsewhere, \$30,000.

**FIGHTING AND PREVENTING FOREST FIRES:** For fighting and preventing forest fires, \$250,000, or so much thereof as may be necessary, but not to exceed \$150,000 of this fund shall be expended except in cases of extraordinary emergency; and to enable the Secretary of Agriculture to cooperate with the War Department in the maintenance of an air patrol for fire prevention and suppression on the National Forests of the Pacific coast and the Rocky Mountain regions, \$50,000: *Provided*, That no part of this appropriation shall be used for the purchase of land or airplanes or for the construction of buildings; in all, \$300,000.



COOPERATIVE FIRE PROTECTION OF FORESTED WATERSHEDS OF NAVIGABLE STREAMS: For cooperation with any State or group of States in the protection from fire of the forested watersheds of navigable streams under the provisions of section 2 of the Act of March 1, 1911, entitled "An Act to enable any State to cooperate with any other State or States, or with the United States, for the protection of the watersheds of navigable streams, and to appoint a commission for the acquisition of lands for the purpose of conserving the navigability of navigable rivers," \$125,000.

EXPERIMENTS AND DEMONSTRATIONS IN LIVE-STOCK PRODUCTION IN THE CANE-SUGAR AND COTTON DISTRICTS OF THE UNITED STATES: To enable the Secretary of Agriculture, in cooperation with the authorities of the States concerned, or with individuals, to make such investigations and demonstrations as may be necessary in connection with the development of live-stock production in the cane-sugar and cotton districts of the United States, including the employment of persons and means in the city of Washington and elsewhere, \$46,500.

EXPERIMENTS IN DAIRYING AND LIVE-STOCK PRODUCTION IN SEMIARID AND IRRIGATED DISTRICTS OF THE WESTERN UNITED STATES: To enable the Secretary of Agriculture to conduct investigations and experiments in problems connected with the establishment of dairying and meat-production enterprises on the semiarid and irrigated lands of the western United States, including the purchase of live stock, and the employment of necessary persons and means in the city of Washington and elsewhere, \$40,000.

That not to exceed \$60,000 of the lump-sum appropriations herein made for the Department of Agriculture shall be available for the maintenance, repair, and operation of motor-propelled and horse-drawn passenger-carrying vehicles necessary in the conduct of the field work of the Department of Agriculture outside the District of Columbia: *Provided*, That not more than \$10,000 may be used for the eradication of the blowfly and screw worm in live stock and poultry: *Provided further*, That the Secretary of Agriculture shall, on the first day of each regular session of Congress, make a report to Congress showing the amount expended under the provisions of this paragraph during the preceding fiscal year.

That hereafter the Secretary of Agriculture may exchange used parts, accessories, tires, or equipment of motor-propelled and horse-drawn vehicles in part payment for new parts, accessories, tires, or equipment of such vehicles authorized to be purchased by him, to be used for the same purposes as those proposed to be exchanged.

ERADICATION OF FOOT-AND-MOUTH AND OTHER CONTAGIOUS DISEASES OF ANIMALS: In case of an emergency arising out of the existence of foot-and-mouth disease, rinderpest, contagious pleuropneumonia, or other contagious or infectious disease of animals which, in the opinion of the Secretary of Agriculture, threatens the live-stock industry of the country, he may expend in the city of Washington or elsewhere, out of any money in the Treasury not otherwise appropriated, the sum of \$50,000, which sum is hereby appropriated, or so much thereof as he determines to be necessary, in the arrest and eradication of any such disease, including the payment of claims growing out of past and future purchases and destruction, in cooperation with the States, of animals affected by or exposed

to, or of materials contaminated by or exposed to, any such disease, wherever found and irrespective of ownership, under like or substantially similar circumstances, when such owner has complied with all lawful quarantine regulations: *Provided*, That the payment for animals hereafter purchased may be made on appraisement based on the meat, dairy, or breeding value, but in case of appraisement based on breeding value no appraisement of any animal shall exceed three times its meat or dairy value, and except in case of an extraordinary emergency, to be determined by the Secretary of Agriculture, the payment by the United States Government for any animal shall not exceed one-half of any such appraisements: *Provided further*, That so much of the appropriation of \$2,500,000 made by the Agricultural Appropriation Act of March 4, 1915, for the fiscal year ending June 30, 1916, for the arrest and eradication of foot-and-mouth disease, rinderpest, contagious pleuropneumonia, or other contagious or infectious disease of animals, as remains unexpended at the close of the fiscal year 1920, is hereby reappropriated and made available for expenditure during the fiscal year ending June 30, 1921, for the objects mentioned in said Appropriation Act, including necessary investigations to determine whether said diseases have been completely eradicated in districts where they previously existed.

**ERADICATION OF PINK BOLLWORM:** To enable the Secretary of Agriculture to meet the emergency caused by the existence of the pink bollworm of cotton in Mexico, and to prevent the establishment of such insect in the United States by the employment of all means necessary, including rent outside of the District of Columbia and the employment of persons and means in the city of Washington and elsewhere, \$488,560, as follows:

To prevent the movement of cotton and cotton seed from Mexico into the United States, including the regulation of the entry into the United States of railway cars and other vehicles, and freight, express, baggage, or other materials from Mexico, and the inspection, cleaning, and disinfection thereof, \$148,560; any moneys received in payment of charges fixed by the Secretary of Agriculture on account of such cleaning and disinfection at plants constructed therefor out of any appropriation made on account of the pink bollworm of cotton to be covered into the Treasury as miscellaneous receipts;

To make surveys to determine the actual distribution of the pink bollworm in Mexico and to exterminate local infestations in Mexico near the border of the United States, in cooperation with the Mexican Government or local Mexican authorities, \$10,000;

To investigate in Mexico or elsewhere the pink bollworm as a basis for control measures, \$5,000;

To conduct surveys and inspections in Texas or in any other State to detect any infestation and to conduct such control measures, including the establishment of cotton-free areas, in cooperation with the State of Texas or other States concerned, as may be necessary to stamp out such infestation, to establish in cooperation with the States concerned a zone or zones free from cotton culture on or near the border of any State or States adjacent to Mexico, and to cooperate with the Mexican Government or local Mexican authorities, or otherwise, by undertaking in Mexico such measures for the extermination of the pink bollworm of cotton as shall be determined to

be practicable from surveys showing its distribution, \$325,000, of which amount \$200,000 shall be immediately available: *Provided*, That no part of the money herein appropriated shall be used to pay the cost or value of crops or other property injured or destroyed.

**PREVENTION OF SPREAD OF EUROPEAN CORN BORER:** To enable the Secretary of Agriculture to meet the emergency caused by the spread of the European corn borer, and to provide means for the control and prevention of spread of this insect throughout the United States, in cooperation with the States concerned, including employment of persons and means in the city of Washington and elsewhere, and all other necessary expenses, \$400,000, of which \$250,000 shall be immediately available.

**FIELD STATION, WOODWARD, OKLAHOMA:** For the establishment in connection with the Woodward, Oklahoma, Field Station, of a live-stock department, through which experiments and demonstrations in live-stock breeding, growing and feeding, including both beef and dairy animals, may be made, \$10,000.

**SHORT TIME RURAL CREDITS COMMITTEE:** There is hereby constituted a joint committee of the Senate and House of Representatives, to consist of the chairman of the Senate Committee on Agriculture and Forestry, the chairman of the House Committee on Agriculture, and the chairmen of the Committees on Banking and Currency of the two Houses, and two other members of each of said committees, to be designated by the chairmen of the respective committees, and it shall be the duty of said joint committee to investigate and report at as early a date as may be possible as to the practicability of establishing a system of short-time rural credits in the United States and to recommend such legislation as may be deemed practicable and desirable to that end. The said committee is hereby authorized to hold meetings either during or between sessions.

The sum of \$5,000 is hereby appropriated, the same to be immediately available, out of any funds in the Treasury not otherwise appropriated, to defray all necessary expenses of said joint committee, payment of said expenses to be made upon vouchers approved by the chairman of said joint committee, who shall be selected by the committee.

Whenever, during the fiscal year ending June 30, 1921, the Secretary of Agriculture shall find that the expenses of travel can be reduced thereby, he may, in lieu of actual traveling expenses, under such regulations as he may prescribe, authorize the payment of not to exceed 3 cents per mile for a motor cycle or 7 cents per mile for an automobile, used for necessary travel on official business.

The Secretary of Agriculture is authorized to acquire by gift, devise, or by purchase in fee simple for a sum not to exceed \$1 for each site, the sites now occupied by field stations at Chico, California, consisting of about eighty acres and used for propagating, testing, and distributing new plant introductions; the site at Bellingham, Washington, consisting of about sixty acres and used as a bulb station and for propagating, testing, and distributing new crop plants; and the sites at Buena Vista, Florida, and Savannah, Georgia, consisting of about twenty-five acres and about forty-six acres, respectively, and used for propagating, testing, and distributing



new crop plants peculiarly adapted to the warmer parts of the United States.

That a yield of five bushels or less per acre of wheat on lands owned by those in the drought-stricken regions who borrowed money from the Government of the United States for the purchase of wheat for seed be, and the same is hereby, declared to be a failure, and the borrower whose yield was five bushels or less per acre be, and he is hereby, released from repayment of the amount borrowed by him from the Government: *Provided*, That nothing herein shall release the borrower who signed a guaranty fund agreement and whose crop was not a failure, from making the contribution provided for in such agreement, but said guaranty fund shall be used as stipulated in the agreement to the settlement of the loans to those whose crop was a failure.

Total carried by this bill for the Department of Agriculture, \$31,475,368.

Approved, May 31, 1920.







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APR 10 1920		MAY 1
MAY 21 1920		SEP 1
SEP 16 1920		NOV 7
NOV 7 1921		JAN 28 1933
NOV 7 1929		NOV 27 1935
FEB 21 1941		MAR 1

